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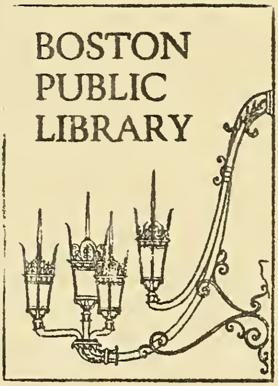

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ANNUAL PLANNING INFORMATION REPORT

FISCAL YEAR 1979

BOSTON, MASSACHUSETTS

STANDARD METROPOLITAN STATISTICAL AREA

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PREFACE

The Annual Planning Information Report is prepared in order to provide manpower planners information that will enable them to identify groups for whom services should be provided, the types of programs that would best serve these groups and the number and types of workers required to meet employer needs. It contains information regarding the number of persons needing various manpower services during the coming year, demographic and socio-economic information, anticipated labor market conditions and information on employment developments by industry and by occupation.

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I. Highlights and Conclusions

The Boston SMSA is projected to experience a drop in population for fiscal year 1978, accompanied by a rise in the size of the labor force. Growth in the labor force is due to increasing labor force participation rate for all sectors of the population, especially females and youth, who are entering the labor force at rates higher than those nationally, due in part to the high cost of living within the SMSA.

Nonagricultural wage and salary employment during 1977 posted its largest increase since the 1974-1975 recession and it is expected that this trend will continue. Growth is anticipated particularly within the nonmanufacturing sector in the coming fiscal year. This concentration of increases outside of the manufacturing industries follows state and national trends of a shift from a goods producing to a service producing economy. Contract construction, which has been losing ground locally is expected to start an upward swing in employment levels.

Unemployment in the SMSA is decreasing, ending 1977 with an annual average rate of 7.8 percent. It is anticipated that this drop will continue through fiscal year 1979 with a projected overall unemployment rate of 6.9 percent. However, projections also reveal that almost 31 percent of those unemployed in the SMSA will be unemployed 15 weeks or longer and thus may be in need of some manpower services in order to become gainfully employed.

Occupational demand requirements to 1985 for the Boston SMSA indicate that the clerical occupations will be the fastest growing in that time period. Another category expected to have high demand are health service workers, especially nursing aides, orderlies, attendants, and practical nurses.

II. Description of Area

A. Definition of Area

The Boston SMSA consists of 17 cities and 65 towns with the city of Boston as its core. It is a geographic and economic entity which cuts across county lines. All of Suffolk County and parts of Essex, Middlesex, Norfolk, and Plymouth Counties are included. The SMSA includes two prime sponsor CETA areas, the city of Boston and the Cambridge Consortium (EMHRDA) including the cities and towns of Cambridge, Somerville, Arlington, Belmont and Watertown. The SMSA also includes six sub-grantee CETA areas: Chelsea (3), Medford (12), Newton (10), Quincy (11), Norwood (14 of 15 in SMSA), and Salem (15 of 19 in SMSA). The Boston SMSA in addition includes parts of the following CETA sub-grantee areas: Marlboro (11 of 18 in SMSA), Plymouth(6 of 10 in SMSA), Brockton (3 of 10 in SMSA), and Lawrence (1 of 15 in Boston SMSA).

CITIES

Beverly
Boston
Cambridge
Chelsea
Everett
Lynn
Malden
Medford
Melrose
Newton
Peabody
Quincy
Revere
Salem
Somerville
Waltham
Woburn

TOWNS

Abington
Acton
Arlington
Ashland
Bedford
Belmont
Bellingham
Boxborough
Boxford
Braintree
Brookline
Burlington
Canton
Carlisle
Cohasset
Concord
Danvers
Dedham
Dover
Duxbury
Framingham
Franklin
Foxborough
Hamilton
Hanover
Hanson
Hingham
Holbrook
Holliston
Hull
Kingston
Lexington
Lincoln
Lynnfield
Manchester
Marblehead
Marshfield
Medfield
Medway
Middleton
Millis
Milton
Nahant
Natick
Needham
Norfolk
No. Reading
Norwell
Norwood
Pembroke
Randolph
Reading
Rockland
Saugus
Scituate
Sharon
Sherborn
Stoneham
Stoughton
Sudbury
Swampscott
Topsfield
Wakefield
Walpole
Watertown
Wayland
Wellesley
Wenham
Weston
Westwood
Weymouth
Wilmington
Winchester
Winthrop
Wrentham

B. Population and Labor Force Characteristics In Fiscal Year 1979

Population projections for fiscal year 1979 show the Boston SMSA with a population of 2,854,037. This represents a drop of 33,473 or 1.2 percent from the 1970 population levels.

For fiscal year 1979 the labor force is projected to be 1,320,731 an increase over 1970 of 7.5 percent. This growth in the size of the labor force despite a declining population is due to to increase labor force participation rates, especially the female rate which has risen from 45.1 in 1970 to a projected 1979 labor force participation rate of 51.6.

Table 1

Population and Labor Force Characteristics
Boston SMSA
1970 - Projected 1979

	1970			Projected 1979		
	Population	Labor Force	Labor Force Partici-pation Rate	Population	Labor Force	Labor Force Partici-pation Rate
TOTAL	2,887,510	1,228,075	59.9	2,854,037	1,320,731	63.7
White Male	1,297,722	697,438	77.4	1,263,123	702,810	78.2
White Female	1,436,963	475,488	45.0	1,405,190	545,330	51.7
Nonwhite Male	71,617	30,118	70.7	85,360	38,254	73.6
Nonwhite Female	81,208	25,031	48.0	100,364	34,337	51.0

III. Employment Developments and Outlook by Industry

Nonagricultural wage and salary employment increased during 1977 ending the year with an annual average employment level of 1,272,300. This is an increase of 10,000 jobs over the 1976 annual average and represents an annual growth rate of 0.8 percent. This yearly increase is the largest shown since the 1974-1975 recession and is an indication that the local economy is regaining ground lost during that period. It is expected that this growth will continue through 1978.

The manufacturing sector experienced gains of 4,300 jobs on an annual average basis, with most of this activity occurring within the durable goods industries, which were up by 4,100 job slots. Primary metals held firm thoughout 1977 and ended the year with a slight increase (+100) over 1976 annual average employment levels. The fabricated metals industry after mid-year declines, gained employment during the second half of 1977 and managed to end the year with an annual average only 100 below the 1976 level. Nonelectrical machinery, after a two year downward trend, gained 1,000 jobs during 1977, however it still has a long way to go in order to recoup the 4,500 job loss experienced during the 1974-1975 recession. Electrical machinery, on the other hand has been showing steady gains since that time period, and this trend is expected to be continued. Transportation equipment has had a strong showing over the past three years, gaining back 2,800 of the 3,800 jobs lost during the recession. Much of this recent growth can be attributed to employment increases at General Dynamics in Quincy and at General Motors in Framingham, however gains have been made at many other companies within this industry.

Instruments is another industry that is doing well within the SMSA. Although it has not yet regained its pre-recession employment levels it is well above 1970 levels and is expected to continue its growth pattern. The other durable goods industries have continued to lose ground during 1977 and it is expected that this trend will continue.

The nondurable goods producing industries have made only slight gains during 1977, with the annual average employment level up by only 200 jobs from 1976. Many of the industries in this group produce for a consumer market, and the effects of inflation are reflected in the employment levels. The fact that gains made in 1976 were maintained and slightly increased during 1977 can be viewed as a positive sign. The food industry held steady in 1977, maintaining post recessionary gains made in 1976. Overall employment in this industry has been dropping over the past several years and the recent closing of companies in this area has not helped this situation. Textiles and apparel remained fairly constant during 1977, although the long term outlook for these industries is for a gradual decline in employment levels.

The paper and printing industries are both doing well within the SMSA, posting over the year gains of 200 and 400 respectively. Chemicals had a slight over the year decrease in employment, however employment levels have increased over 1970 levels. The rubber industry has been steadily declining during the 1970's and this trend was continued in 1977, with an over the year employment decrease of 300 job slots. Leather is another industry that is in a state of decline for this area ahd has been especially hard hit by foreign imports. The loss of 200 jobs in 1977 is in keeping with this trend and the long term outlook for this industry is not favorable.

The nonmanufacturing sector gained 5,700 jobs during 1977. Although this can be considered as a significant over the year increase, the sector still has a way to go in order to recoup the 14,400 jobs lost in 1975. One of the poorest performances has been in the contract construction industry. It has been in a state of decline since 1973 and during 1977 this trend continued. Over the past four years this industry has lost 19,700 positions, a loss of 33 percent of its former employment level. It is expected that some increase in employment for this industry will be seen in the coming year, however, it will probably be minor when compared to its losses. Transportation and public utilities experienced losses in 1977, and some of this can be attributed, especially in public utilities, to the slowdown in both commercial and residential building in the SMSA. Wholesale and retail trade is one of the major industries within the SMSA. Although like most other industries, it experienced losses during the 1974-1975 recession, the greater part of these have been regained and the outlook is for continued growth in this industry. Finance, Insurance, and Real Estate gained 1,500 jobs in 1977, an indication of increased activity within this sector. Part of this is attributable to the fact that consumer installment credit, commercial and industrial loans, and demand and savings deposits were all up in 1977. Slight increases in employment are anticipated for this segment during the coming year. Services, miscellaneous and mining has become the largest employing industry within the SMSA with a 1977 annual average employment level of 325,300. It is also the only industry that continued a pattern of growth through the 1974-1975 recession. This pattern of expansion is expected to be continued at a steady pace, and it should be noted that the majority of the increases are projected to fall within the health services segment of this industry. Government employment has been falling slightly over the past two years, registering a decline of 1,600 jobs over this period. Employment in government is expected to remain fairly constant in the coming year with slight increases possible as federal and state employment cutbacks are offset by increases in local government payrolls.

Table 2

Nonagricultural Wage and Salary Employment
Boston SMSA
1977

ITEM	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
Nonagricultural Total	1,252.8	1,252.4	1,262.6	1,267.3	1,273.0	1,277.6	1,270.2	1,266.8	1,276.0	1,281.8	1,290.8	1,296.4	1,272.3
Manufacturing Total	255.5	257.0	258.2	257.8	258.5	260.9	257.1	255.0	257.3	257.0	260.7	260.7	257.9
Durable Goods Total	159.4	160.2	160.5	160.5	161.1	161.9	161.9	156.9	159.0	158.5	162.6	162.6	160.1
Primary Metals	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
Fabricated Metals	19.0	19.1	18.8	18.8	18.8	18.8	18.8	19.0	19.4	19.4	19.4	19.4	19.1
Machinery (exc. Electrical)	32.7	32.7	32.8	32.6	33.0	33.0	33.3	33.1	33.1	33.3	33.4	33.4	33.0
Electrical Machinery	42.1	42.4	42.6	42.4	41.8	41.7	41.8	42.0	41.8	42.1	42.2	42.2	42.0
Transportation Equipment	21.5	21.7	21.8	22.3	22.6	22.9	20.6 3/	17.3 1/	19.6 1/	18.5 1/	22.3 2/	22.6	21.0
Instruments	34.5	34.6	34.6	34.5	34.8	35.4	35.3	35.3	35.0	35.1	35.2	35.0	35.0
Other Durable Goods	6.2	6.3	6.5	6.6	6.8	6.8	6.7	6.8	6.7	6.7	6.7	6.6	6.6
Nondurable Goods Total	96.1	96.8	97.7	97.3	97.4	99.0	97.3	98.1	98.3	98.5	98.1	98.1	97.8
Foods	17.2	17.2	17.6	17.3	17.4	17.7	17.4	17.5	17.4	17.6	17.5	17.5	17.4
Textiles	4.2	4.2	4.3	4.4	4.4	4.4	4.4	4.3	4.3	4.4	4.5	4.4	4.3
Apparel	12.6	13.0	13.3	13.2	13.3	13.5	12.8	13.7	13.6	13.5	13.4	13.4	13.3
Paper	9.6	9.6	9.3	9.6	9.1	9.8	9.6	9.7	9.9	9.9	9.9	9.8	9.7
Printing	22.6	22.4	22.6	22.6	23.0	23.0	22.9	22.7	22.9	22.9	22.8	23.0	22.8
Chemicals	8.5	8.5	8.5	8.5	8.5	8.7	8.6	8.5	8.3	8.3	8.3	8.4	8.5
Rubber	9.2	9.3	9.2	9.1	9.0	9.0	9.1	9.0	9.0	9.0	8.9	8.9	9.1
Leather	7.2	7.2	7.9	7.6	7.6	7.7	7.3	7.6	7.6	7.6	7.5	7.5	7.5
Other Nondurable Goods	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.1	5.3	5.3	5.3	5.2	5.2
Nonmanufacturing Total	997.3	995.4	1,004.4	1,009.5	1,014.5	1,016.7	1,013.1	1,011.8	1,018.7	1,024.8	1,030.1	1,035.7	1,014.4
Contract Construction	35.9	34.5	35.6	38.3	40.2	41.7	43.2	43.6	43.7	42.3	41.2	39.0	39.9
Transportation and Public Utilities	67.0	66.6	67.0	66.5	66.5	67.1	66.1	66.6	67.7	67.3	67.6	68.4	67.0
Wholesale and Retail Trade	290.5	287.2	293.1	293.7	295.3	296.6	293.5	293.2 1/	298.6	300.5	303.2	308.2	296.0
Finance, Insurance & Real Estate	93.6	93.3	93.6	94.0	94.0	95.0	95.1	95.1	94.5	94.3	95.0	95.1	94.4
Service Miscellaneous &	319.7	322.5	324.1	325.7	328.0	325.6	323.6	322.7	324.3	327.8	329.0	329.4	325.3
Government	190.6	191.3	191.0	191.3	190.5	190.7	191.6	190.6	189.9	192.6	194.1	195.6	191.8

1976 Benchmark
1/ Strike 2/ Strike over 3/ Model changeover

Table 3

Nonagricultural Wage and Salary Employment
Boston SMSA
Annual Averages
1970-1977

Category	1970	1971	1972	1973	1974	1975	1976	1977
Nonagricultural Total	1,294.7	1,276.6	1,268.6	1,296.9	1,299.5	1,260.3	1,263.3	1,272.3
Manufacturing Total	288.3	271.1	272.5	277.1	276.4	251.6	253.6	257.9
Durable Goods	165.1	155.4	160.6	169.1	171.9	155.9	156.0	160.1
Primary Metals	3.3	3.0	3.2	3.4	3.7	3.2	3.3	3.4
Fabricated Metals	17.0	16.9	19.8	21.7	23.0	19.7	19.2	19.1
Machinery (exc. elect.)	35.5	34.2	32.8	35.1	36.9	32.4	32.0	33.0
Electrical Machinery	52.1	46.6	41.3	43.8	44.8	41.0	41.5	42.0
Transportation Equipment	20.3	18.6	23.6	22.0	18.2	19.1	19.5	21.0
Instruments	24.2	24.2	31.7	34.8	37.0	33.9	33.8	35.0
Other Durable Goods	12.7	11.9	8.2	8.3	8.3	6.6	6.7	6.6
Nondurable Goods	123.2	115.7	111.9	108.0	104.5	95.7	97.6	97.8
Food	22.9	21.4	19.8	18.6	17.7	16.7	17.4	17.4
Textiles	6.2	5.7	5.1	4.9	4.8	4.3	4.2	4.3
Apparel	16.8	15.4	15.4	14.8	14.3	13.3	13.4	13.3
Paper	11.3	10.8	10.8	10.9	10.6	8.7	9.5	9.7
Printing	26.0	25.1	24.5	23.5	22.8	22.5	22.4	22.8
Chemicals	8.3	8.3	8.3	8.7	9.1	8.6	8.6	8.5
Rubber	11.6	11.3	11.0	11.1	10.9	9.3	9.4	9.1
Leather	13.1	11.3	10.8	9.4	8.8	7.4	7.7	7.5
Other Nondurables	7.0	6.4	6.2	6.1	5.5	4.9	5.0	5.2

Table 3

Nonagricultural Wages and Salary Employment
Boston SMSA
Annual Averages
1970-1977

Category	1970	1971	1972	1973	1974	1975	1976	1977
Nonmanufacturing Total	1,006.4	1,005.5	996.1	1,019.8	1,023.1	1,008.7	1,008.7	1,014.4
Contract Construction	58.1	58.5	59.6	58.8	55.5	46.8	42.0	39.9
Transportation & Public Utilities	76.4	74.6	77.7	78.8	75.9	69.7	67.9	67.0
Wholesale & Retail Trade	305.1	299.8	297.1	300.9	298.1	292.4	293.4	296.0
Finance, Ins., Real Estate	95.4	95.1	93.3	95.1	95.0	92.8	92.9	94.4
Service Misc., & Mining	282.1	286.3	278.3	296.2	308.9	313.6	319.6	325.3
Government	189.3	191.2	190.1	190.0	189.7	193.4	192.9	191.8

Note: 1970 - 1973 are on a 1974 Benchmark
1974 is on a 1975 Benchmark
1975 - 1977 are on a 1976 Benchmark

Table 4 contains information on covered employment by CETA area. This involves employment in establishments subject to the Massachusetts Employment Security Law. In addition to providing information on an individual city and town basis, employment levels are also broken down into major industrial categories to facilitate analysis of the industrial mix of the components of each CETA area.

All of the CETA areas located within the Boston SMSA mirroring area trends, evidenced a larger portion of employment in nonmanufacturing than in manufacturing. The Norwood CETA has the largest percentage of employment in manufacturing with 40.7 percent of total employment in manufacturing. The Boston CETA area has the smallest percentage of employment in manufacturing with 14.7 percent. Manufacturing percentages for all of the other CETA areas fell between 22.3 percent and 34.7 percent.

In terms of numbers of jobs Boston had the largest amount with 373,942, followed by Newton with 132,428. The Chelsea CETA area has the lowest number of covered jobs with 16,701.

These figures are for covered employment only and it should be noted that generally excluded is employment in private, primary and secondary educational institutions, agriculture, domestic service, self employment and unpaid family services. Also excluded is employment in government whether covered or uncovered.

Table 4

Covered Employment
By CETA Area
1976

	Total Employment	Agri- culture Fishing Forestry	Mining	Contract Construction	Manufacturing	Transp. Comm. Utilities	Wholesale Retail Trade	Finance Insurance Real Estate	Services
Boston	373,942	731	36	13,071	52,757	33,065	83,205	59,423	131,654
EMHRDA	117,545	357	11	4,124	26,557	6,598	27,163	3,827	48,908
Arlington	5,363	76	0	439	361	738	1,839	364	1,546
Belmont	3,684	47	0	261	497	407	1,443	272	757
Cambridge	80,032	99	11	1,681	17,367	2,766	14,808	2,140	41,160
Somerville	16,280	29	0	1,287	3,112	1,399	6,230	497	3,726
Watertown	12,186	106	0	456	5,220	1,288	2,843	554	1,719
Chelsea	16,701	38	0	693	4,014	913	7,357	531	3,155
Chelsea	8,636	4	0	177	3,410	486	3,299	379	881
Revere	6,247	31	0	196	457	348	3,568	83	1,564
Winthrop	1,818	3	0	320	147	79	490	69	710
Medford	103,367	708	48	5,426	29,324	5,251	29,726	4,148	28,731
Burlington	16,385	72	12	494	4,904	203	5,242	507	4,951
Everett	9,472	22	0	920	3,150	666	1,970	338	2,406
Malden	14,586	15	27	975	2,791	1,695	3,781	688	4,614
Medford	12,901	51	0	970	1,738	787	4,508	325	4,522
Melrose	4,588	18	3	267	871	114	1,184	203	1,923
No. Reading	1,421	7	0	149	81	73	784	26	301
Reading	3,476	22	0	198	832	104	1,412	178	730
Stoneham	5,294	35	0	94	1,167	78	1,855	144	1,921
Wakefield	8,320	27	0	320	2,574	112	2,459	1,182	1,646
Wilmington	9,995	358	6	187	5,724	226	1,733	87	1,674
Winchester	3,900	26	0	302	871	372	623	166	1,540
Woburn	13,029	55	0	550	4,621	821	4,175	304	2,503

Table 4

Covered Employment
By CETA Area
1976
(continued)

	Total Employment	Agri-culture Fishing Forestry	Mining	Contract Construction	Manufacturing	Transp. Comm. Utilities	Wholesale Retail Trade	Finance Insurance Real Estate	Services
Newton	132,428	686	1	5,293	42,233	4,777	36,140	6,427	36,872
Bedford	11,025	16	0	101	7,199	117	1,010	58	2,524
Brookline	12,373	47	0	432	260	1,031	4,174	1,454	4,975
Dover	211	18	0	53	1	0	86	7	46
Lexington	10,439	72	0	253	3,724	627	2,380	407	2,976
Lincoln	565	7	0	35	14	2	143	18	346
Needham	10,201	143	0	1,127	2,830	220	3,954	281	1,646
Newton	31,253	155	0	1,815	4,103	1,251	12,522	1,547	9,860
Waltham	45,169	102	1	849	23,467	1,137	8,553	1,481	9,579
Wellesley	9,370	80	0	408	555	334	2,727	1,090	4,137
Weston	1,822	46	0	220	80	58	551	84	783
Norwood	61,054	303	60	2,783	24,877	2,532	18,986	2,797	8,716
Bellingham	1,155	36	0	118	159	25	683	11	123
Canton	10,011	36	0	547	4,247	184	3,810	350	837
Dedham	9,243	42	0	679	2,172	393	3,974	732	1,251
Foxborough	6,590	12	0	113	4,695	71	960	112	627
Franklin	2,727	24	0	140	997	63	809	74	620
Medfield	838	18	0	37	155	16	357	25	230
Medway	1,073	10	0	11	309	296	261	48	138
Millis	1,212	13	17	44	695	37	255	13	138
Norfolk	322	18	0	23	36	71	120	4	50
Norwood	14,561	36	0	397	6,167	364	3,543	1,008	3,046
Plainsville	1,945	9	23	166	1,152	20	398	26	151
Sharon	1,019	3	0	50	181	25	406	47	307
Walpole	5,859	15	20	158	2,817	564	1,824	128	333
Westwood	3,346	16	0	210	579	354	1,365	194	628
Wrentham	1,153	15	0	90	516	49	221	25	237

Table 4

Covered Employment
By CETA Area
1976
(continued)

	Total Employment	Agri-culture Fishing Forestry	Mining	Contract Construction	Manufacturing	Transp. Comm. Utilities	Wholesale Retail Trade	Finance Insurance Real Estate	Services
Quincy	78,948	338	64	3,790	20,240	3,405	30,705	5,895	14,511
Braintree	17,875	30	8	810	3,477	809	8,871	1,057	2,813
Cohasset	1,357	9	0	56	116	18	655	68	435
Hingham	5,061	53	13	223	1,504	138	2,272	226	632
Holbrook	1,712	22	0	44	496	36	909	33	172
Hull	5,061	53	13	223	1,504	138	2,272	226	632
Milton	2,702	23	0	176	297	291	433	258	1,224
Norwell	1,283	2	0	153	40	26	679	41	342
Quincy	28,258	14	25	1,273	9,366	1,102	8,327	3,443	4,708
Randolph	5,856	9	0	221	2,047	120	2,621	145	693
Scituate	1,813	6	0	86	266	42	985	92	336
Weymouth	7,970	117	5	525	1,127	685	2,681	306	2,524
Salem	108,506	1,144	19	3,463	37,608	4,841	36,512	4,449	20,470
Beverly	10,080	30	3	405	3,138	404	3,205	346	2,549
Danvers	10,607	46	9	210	3,094	196	5,156	457	1,439
Essex	544	5	0	24	125	15	348	2	25
Gloucester	8,947	718	0	286	3,218	353	2,483	256	1,633
Hamilton	412	15	0	101	2	24	133	11	126
Ipswich	1,430	24	0	81	182	60	626	85	372
Lynn	32,073	32	0	570	16,343	1,505	6,738	1,097	5,788
Lynnfield	2,185	33	0	136	104	168	1,347	61	336
Manchester	591	35	0	57	45	24	276	23	131
Marblehead	2,813	27	0	156	676	88	1,024	138	704

Table 4

Covered Employment
By CETA Area
1976
(continued)

	Total Employment	Agri-culture Fishing Forestry	Mining	Contract Construction	Manufacturing	Transp. Comm. Utilities	Wholesale Retail Trade	Finance Insurance Real Estate	Services
Middleton	903	30	5	47	471	45	158	11	136
Nahant	320	5	0	41	4	1	132	4	133
Peabody	11,592	32	2	320	4,132	497	4,337	784	1,488
Rockport	1,048	10	0	54	190	24	496	42	232
Salem	15,683	20	0	496	5,127	1,071	4,223	908	3,838
Saugus	6,361	9	0	300	495	297	4,393	125	742
Swampscott	1,911	48	0	107	81	57	1,083	73	462
Topsfield	597	6	0	50	163	12	215	25	126
Wenham	409	19	0	22	18	0	139	1	210

The following table contains information on employment levels by industry for 1974 and projected 1985 levels. It is estimated that by 1985 approximately 107,150 new jobs will have been created in the Boston SMSA.

The largest gain due to growth will be in the service producing industries, in keeping with the general trend of a shift from a goods producing to a service producing economy. Within the service producing segment, the service industries will have the greatest gain in employment especially in the medical sector. Business services are also expected to experience rapid growth. Another expanding industry within this sector will be wholesale and retail trade, with an anticipated annual growth rate of 1.0 percent. Finance, Insurance and Real Estate will experience moderate growth during the eleven year period 1974-1985. Slight increases will be experienced in the transportation and public utilities and government payrolls.

The manufacturing sector is projected to experience a decrease in the number of jobs. Corresponding to the expected decrease in employment, there will be a decline in manufacturing's relative share of total employment. Although the durable goods producing industries are expected to have a positive growth rate, this effect will be more than offset by the declines in the nondurable goods industries resulting in an overall decline in manufacturing payrolls.

It is important to view these projections in terms of relative magnitude and general tendencies, rather than as actual employment levels. However use of this data as indicators of probable direction and relationships can be helpful to those concerned with studying labor demand within the Boston SMSA.

Table 5

TOTAL EMPLOYMENT BY INDUSTRY ADJUSTED FOR CLASS OF WORKER
1970 - 1974 - 1985
BOSTON SMSA

INDUSTRY TITLE	EMPLOYMENT			NET CHANGE	
	1970	1974	1985	1970-1974	1974-1985
TOTAL, ALL INDUSTRIES	1,320,847	1,320,929	1,428,084	82	107,155
AGRICULTURE, FORESTRY, & FISHERIES	6,352	7,726	7,081	1,374	-645
Agriculture	5,612	6,937	6,360	1,325	-577
Agriculture Production	3,063	3,329	2,418	266	-911
Agriculture Services, Except Horticultural	1,061	1,667	1,838	606	171
Horticultural Services	1,488	1,941	2,104	453	163
Forestry	206	249	264	43	15
Fisheries	534	540	457	6	-83
MINING	288	260	204	-28	-56
Metal Mining	1	1	1	0	0
Coal Mining	1	1	1	0	0
Crude Petroleum & Natural Gas Extraction	6	0	0	-6	0
Nonmetallic Mining, & Quarrying, except Fuel	280	258	202	-22	-56
CONSTRUCTION	72,553	70,524	75,600	-2,029	5,076
General Building Contractors	22,472	21,185	22,192	-1,287	1,007
General Contractors, Except Building	14,069	13,395	13,659	-674	264
Special Trade Contractors	36,012	35,944	39,749	-68	3,805
MANUFACTURING	294,119	273,293	268,826	-20,826	-4,467
Durable Goods	176,561	173,143	180,925	-3,418	7,782
Ordnance	4,979	4,650	4,848	-329	198
Lumber & Wood Products, Except Furniture	1,663	1,575	1,349	-88	-226
Logging	33	27	24	-6	-3
Sawmills, Planing Mills, & Mill Work	681	494	284	-187	-210
Miscellaneous Wood Products	949	1,054	1,041	105	-13
Furniture & Fixtures	3,210	2,781	2,357	-429	-424
Stone, Clay & Glass Products	3,197	3,884	4,091	687	207
Glass & Glass Products	160	265	188	105	-77
Cement, Concrete, Gypsum, & Plaster Products	1,378	1,520	1,719	142	199
Structural Clay Products	24	24	27	0	3
Pottery & Related Products	70	47	58	-23	11
Miscellaneous Nonmetallic Mineral & Stone Products	1,565	2,028	2,099	463	71
Primary Metal Production	3,257	3,893	3,242	636	-651
Blast Furnaces, Steel Works, Rolling & Fin. Mills	442	526	439	84	-87
Other Primary Iron & Steel Industries	1,147	1,311	1,091	164	-220
Primary Aluminum Industries	445	525	437	80	-88
Other Primary Nonferrous Industries	1,223	1,531	1,275	308	-256
Fabricated Metal Products	17,027	20,139	20,942	3,112	803
Cutlery, Hand Tools, & Other Hardware	4,510	6,392	7,259	1,882	867
Fabricated Structural Metal Products	4,153	4,383	4,394	230	11
Screw Machine Products	1,885	1,834	1,461	-51	-373
Metal Stamping	1,221	1,129	846	-92	-283
Misc. Fabricated Metal Products	5,258	6,401	6,982	1,143	581
Machinery, Except Electrical	35,410	37,909	40,013	2,499	2,104
Engines & Turbines	5,500	6,105	6,881	605	776
Farm Machinery & Equipment	74	102	100	28	-2
Construction & Material Handling Machines	1,356	800	606	-556	-194
Metalworking Machinery	2,147	2,690	2,571	543	-119
Office & Accounting Machines	1,001	1,422	1,742	421	320
Electronic Computing Equipment	8,010	11,257	13,785	3,247	2,528
Machinery, Except Electrical, N.E.C.	17,322	15,533	14,328	-1,789	-1,205

Table 5
(continued)

BOSTON, SMSA

INDUSTRY TITLE	EMPLOYMENT 1970	1974	1985	NET CHANGE 1970-1974	1974-1985
Electrical Machinery, Equipment & Supplies	52,284	49,363	49,954	-2,921	591
Household Appliances	863	1,196	900	333	-296
Radio, TV, & Communication Equipment	16,127	16,048	16,167	-79	119
Electrical Machinery, Equip. & Supplies, N.E.C.	35,294	32,119	32,887	-3,175	768
Transportation Equipment	25,856	13,740	16,460	-12,116	2,720
Motor Vehicles & Motor Vehicle Equipment	3,210	2,027	3,451	-1,183	1,424
Aircraft & Parts	8,403	7,777	7,114	-626	-663
Ship & Boat Building & Repairing	14,137	3,834	5,778	-10,303	1,944
Railroad Locomotives & Equipment	0	0	0	0	0
Mobile Dwellings & Campers	17	17	20	0	3
Cycles & Misc. Transportation Equipment	89	85	97	-4	12
Prof., Scientific Instr., Photo. Equip. & Watches	23,107	30,529	32,920	7,422	2,391
Scientific & Controlling Instruments	8,892	10,546	11,107	1,654	561
Optical & Health Services Supplies	2,856	6,797	7,587	3,941	790
Photographic Equipment & Supplies	9,169	11,260	12,535	2,091	1,275
Watches, Clocks, & Clockwork Operated Devices	2,190	1,926	1,691	-264	-235
Miscellaneous Manufacturing Industries	6,571	4,680	4,749	-1,891	69
NONDURABLE GOODS	117,558	100,150	87,901	-17,408	-12,249
Food & Kindred Products	22,656	17,625	13,702	-5,031	-3,923
Meat Products	3,269	2,872	2,496	-397	-376
Dairy Products	4,367	2,920	2,017	-1,447	-903
Canning & Preserving	1,413	1,164	973	-249	-191
Grain Mill Products	334	454	387	120	-67
Bakery Products	4,246	3,831	3,012	-415	-819
Confectionary & Related Products	4,112	2,610	1,057	-1,502	-1,553
Beverage Industries	2,806	2,291	2,010	-515	-281
Misc. Food Preparation & Kindred Products	2,109	1,483	1,750	-626	267
Tobacco Manufacturing	0	0	0	0	0
Textile Mill Products	6,341	5,530	4,521	-811	-1,009
Knitting Mills	1,229	1,173	582	-56	-591
Dyeing & Finishing Textiles, Exc. Wool & Knit Goods	101	168	162	67	-6
Floor Coverings, Except Hard Surfaces	613	91	180	-522	89
Yarn, Thread, & Fabric Mills	1,319	1,358	545	39	-813
Misc. Textile Mill Products	3,079	2,740	3,052	-339	312
Apparel & Other Fabricated Textile Products	17,216	13,927	11,057	-3,289	-2,870
Apparel & Accessories	13,650	10,857	7,908	-2,793	-2,949
Misc. Fabricated Textile Products	3,566	3,070	3,149	-496	79
Paper & Allied Products	11,046	10,471	9,675	-575	-796
Pulp, Paper, & Paperboard Mills	1,465	1,418	1,109	-47	-309
Paperboard Containers & Boxes	4,488	3,790	3,403	-698	-387
Misc. Paper & Pulp Products	5,093	5,263	5,163	170	-100
Printing, Publishing, & Allied Products	26,698	23,733	23,866	-2,965	133
Newspaper Publishing & Printing	8,689	8,192	7,209	-497	-983
Printing, Publishing, & Allied Prod., Exc. Newspapers	18,009	15,541	16,657	-2,468	1,116
Chemicals & Allied Products	8,272	8,799	8,844	527	45
Industrial Chemicals	1,323	1,272	1,105	-51	-167
Plastics, Synthetics & Resins, Except Fibers	868	1,133	1,199	265	66
Synthetic Fibers	4	11	10	7	-1
Drugs & Medicines	540	883	1,225	343	342
Soaps & Cosmetics	1,996	1,654	1,544	-342	-110
Paints, Varnishes, & Related Products	872	909	725	37	-184
Agricultural Chemicals	84	100	80	16	-20
Miscellaneous Chemicals	2,585	2,837	2,956	252	119
Petroleum & Coal Products	601	661	758	60	97
Petroleum Refining	6	5	5	-1	0
Misc. Petroleum & Coal Products	595	656	753	61	97
Rubber & Misc. Plastic Products	11,418	10,997	9,499	-421	-1,498
Rubber Products	8,154	7,234	5,705	-920	-1,529
Misc. Plastic Products	3,264	3,763	3,794	499	31

TABLE 5 (Continued)
BOSTON, SMSA

INDUSTRY TITLE	EMPLOYMENT			NET CHANGE	
	1970	1974	1985	1970-1974	1974-1985
Leather & Leather Products	13,310	8,407	5,979	-4,903	-2,428
Tanned, Curried, & Finished Leather	3,234	2,397	1,101	-837	-1,296
Footwear, Except Rubber	9,468	5,501	4,508	-3,967	-993
Leather Products, Except Footwear	608	509	370	-99	-139
TRANSPORTATION, COMMUNICATIONS & OTHER PUBLIC UTIL.	82,481	80,687	83,156	-1,794	2,469
Transportation, Total	46,307	42,743	44,320	-3,564	1,577
Railroads, & Railway Express Services	4,473	3,286	2,633	-1,187	-653
Local, Interurban Transit	11,531	12,431	12,956	900	525
Street Railways, Bus Line	8,174	8,466	8,951	292	485
Taxicab Service	3,357	3,965	4,005	608	40
Trucking & Warehousing	18,079	16,211	17,391	-1,868	1,180
Trucking Service	16,948	15,121	16,220	-1,827	1,099
Warehousing & Storage	1,131	1,090	1,171	-41	81
Water Transportation	2,604	1,921	1,965	-683	44
Air Transportation	6,998	6,002	6,297	-996	295
Pipelines	34	1	0	-33	-1
Transportation Services	2,588	2,891	3,078	303	187
Communications, Utilities, & Sanitary Services	36,174	37,944	38,836	1,770	892
Communications	23,098	25,302	25,632	2,204	330
Telephone (Wire & Radio)	21,085	22,751	22,656	1,666	-95
Telegraph (Misc. Communications Service)	768	652	567	-116	-85
Radio Broadcasting, TV	1,245	1,899	2,409	654	510
Utilities & Sanitary Services	13,076	12,642	13,204	-434	562
Electric Light & Power	6,281	5,629	5,812	-652	183
Electric-gas Utilities	235	131	144	-104	13
Gas & Steam Supply Systems	2,827	2,842	2,939	15	97
Water Supply	1,182	1,131	1,186	-51	55
Sanitary Services	2,528	2,886	3,100	358	214
Other Utilities, N.E.C.	23	23	23	0	0
OLESALE & RETAIL TRADE	309,923	309,011	341,831	-912	32,820
Wholesale Trade	81,810	79,743	84,788	-2,067	5,045
Wholesale, Except Misc. Wholesale	57,921	55,114	58,769	-2,807	3,655
Motor Vehicles & Equipment	4,663	4,858	4,997	195	139
Drugs, Chemicals, & Allied Products	4,479	3,923	4,161	-556	238
Dry Goods & Apparel	5,285	6,064	6,329	779	265
Food & Related Products	12,691	10,996	10,359	-1,695	-637
Farm Products - Raw Materials	503	428	412	-75	-16
Electrical Goods	10,235	8,879	10,567	-1,356	1,688
Hardware, Plumbing	3,782	4,016	4,396	234	380
Machinery Equipment Supplies	16,283	15,950	17,548	-333	1,598
Miscellaneous Wholesale Trade	23,889	24,629	26,019	740	1,390
Metals & Minerals, N.E.C.	2,631	2,628	2,769	-3	141
Petroleum Products	2,339	2,582	2,724	243	142
Scrap & Waste Material	1,374	1,537	1,636	163	99
Alcoholic Beverages	1,720	1,881	1,992	161	111
Paper & Paper Products	3,061	2,985	3,153	-76	168
Lumber & Construction Materials	2,772	2,831	2,989	59	158
Wholesale, N.E.C.	9,992	10,185	10,756	193	571
RETAIL TRADE	228,113	229,268	257,043	1,155	27,775
Building Materials	8,174	8,229	8,767	55	538
Lumber, Building Material	5,972	6,041	6,328	69	287
Hardware & Farm Equipment	2,202	2,188	2,439	-14	251
General Merchandise, Total	50,248	42,696	50,629	-7,552	7,933
Department, Mail Order	37,979	32,365	38,856	-5,614	6,491
Limited Price Stores	5,734	3,392	2,557	-2,342	-835
Vending Machine Operators	1,393	1,268	1,788	-125	520
Direct Selling	2,408	2,516	3,613	108	1,097
Misc. Merchandise Stores	2,734	3,155	3,815	421	660

TABLE 5 (Continued)
BOSTON, SMSA

INDUSTRY TITLE	EMPLOYMENT			NET CHANG	
	1970	1974	1985	1970-1974	1974-19
Food & Dairy Stores	41,329	40,356	43,283	-973	2,927
Grocery Stores	31,800	33,173	36,073	1,373	2,900
Dairy Product Stores	1,886	1,222	1,367	-664	145
Retail Bakeries	2,608	2,442	1,960	-166	-482
Food Stores, N.E.C.	5,035	3,519	3,883	-1,516	364
Auto Dealers, Gas Stations	20,694	20,544	22,010	-150	1,466
Motor Vehicle Dealers	9,473	10,050	10,483	577	433
Tire, Battery, Accessory	1,554	1,872	2,194	318	322
Gasoline Service Stations	9,155	7,908	8,513	-1,247	605
Miscellaneous Vehicle Dealers	512	714	820	202	106
Apparel & Accessories	15,976	17,564	18,696	1,588	1,132
Apparel, Accessories Stores	12,427	13,633	14,323	1,206	690
Shoe Stores	3,549	3,931	4,373	382	442
Furniture & Appliances	9,563	10,490	12,560	927	2,070
Home Furnishing Stores	5,252	5,352	5,671	100	319
Appliance, TV, Radio Stores	4,311	5,138	6,889	827	1,751
Eating & Drinking Places	52,570	58,640	67,890	6,070	9,250
Misc. Retail Trade Stores	29,559	30,749	33,208	1,190	2,459
Drug Stores	7,435	7,084	7,053	-351	-31
Liquor Stores	3,420	3,479	3,659	59	180
Farm, Garden Supply Stores	311	367	379	56	12
Jewelry Stores	1,910	1,824	1,920	-86	96
Fuel & Ice Dealers	4,002	4,083	3,571	81	-512
Retail Florists	1,013	1,227	1,440	214	213
Misc. Retail Trade Stores	11,468	12,685	15,186	1,217	2,501
FINANCE, INSURANCE, & REAL ESTATE	96,920	100,773	110,717	3,853	9,944
Finance, Total	37,144	38,046	43,620	902	5,574
Banking	25,986	26,799	31,869	813	5,070
Credit Agencies	3,121	3,482	3,497	361	15
Stock Brokers, Investment	8,037	7,765	8,254	-272	489
Insurance	46,036	45,726	48,646	-310	2,920
Real Estate, RE Law Insurance	13,740	17,001	18,451	3,261	1,450
SERVICES, TOTAL	385,280	413,619	473,429	28,339	59,810
Hotels & Lodging Places	9,603	10,542	12,280	939	1,738
Hotels & Motels	8,051	8,831	10,240	780	1,409
Lodging Places, Except Hotels	1,552	1,711	2,040	159	329
Other Personal Services	21,750	18,797	15,720	-2,953	-3,077
Laundry, Cleaning	9,775	7,679	5,292	-2,096	-2,387
Beauty Shops	6,318	6,016	5,921	-302	-95
Barber Shops	2,182	1,818	1,109	-364	-709
Shoe Repair Shops	399	269	139	-130	-130
Dressmaking Shops	392	366	372	-26	6
Other Personal Services	2,684	2,649	2,887	-35	238
Miscellaneous Business Services	51,019	55,992	60,810	4,973	4,818
Advertising	2,104	2,175	2,300	71	125
Business Management Services	4,218	4,325	4,479	107	154
Commercial R. & D.	2,574	3,723	4,010	1,149	287
Computer Programming	2,941	2,811	3,066	-130	255
Detective & Protective	2,536	2,634	2,881	98	247
Employment, Temporary Help	3,237	3,078	3,480	-159	402
Services, Buildings	7,481	8,431	10,198	950	1,767
Other Misc. Business Services	25,928	28,815	30,396	2,887	1,581
Automobile Repair Services	8,353	9,059	9,688	706	629
Auto Repair	4,263	5,065	5,248	802	183
Auto Services, Except Repair	4,090	3,994	4,440	-96	446
Other Repair Services	4,036	4,610	5,303	574	693
Electrical Repair Shops	1,481	1,617	1,866	136	249
Other Repair Services	2,555	2,993	3,437	438	444

TABLE 5 (Continued)

BOSTON, SMSA

INDUSTRY TITLE	EMPLOYMENT			NET CHANGE	
	1970	1974	1985	1970-1974	1974-1985
Motion Pictures, Theatres	3,957	3,940	4,561	-17	621
Miscellaneous Entertainment	5,866	6,794	7,948	928	1,154
Bowling Alleys, Billiards	767	777	747	10	-30
Miscellaneous Entertainment	5,099	6,017	7,201	918	1,184
Medical, Other Health	107,057	122,146	150,087	15,089	27,941
Offices of Physicians	8,102	9,657	12,171	1,555	2,514
Offices of Dentists	5,405	6,331	8,867	926	2,536
Offices of Chiropractors	36	71	96	35	25
Hospitals	71,023	75,962	84,924	4,939	8,962
Convalescent Institutions	13,334	19,153	28,996	5,819	9,843
Health Practitioners, N.E.C.	1,808	2,327	3,255	519	928
Health Services, N.E.C.	7,349	8,645	11,778	1,296	3,133
Legal Services	9,646	10,805	11,546	1,159	741
Educational Services	100,306	106,429	128,938	6,123	22,509
Elementary, Secondary	49,403	56,134	66,833	6,731	10,699
College & Universities	43,263	42,316	53,474	-947	11,158
Libraries	2,367	2,720	3,190	353	470
Educational Services, N.E.C.	5,273	5,259	5,441	-14	182
Museums, Art Galleries, Zoos	979	1,209	1,345	230	136
Nonprofit Organizations	24,213	24,684	26,801	471	2,117
Religious Organizations	8,363	8,635	9,361	272	726
Welfare Services	8,853	8,796	9,559	-57	763
Residential Welfare	508	535	581	27	46
Nonprofit Membership	6,489	6,718	7,300	229	582
Private Households	14,446	11,583	9,066	-2,863	2,517
Other Professional Related Services	24,049	27,029	29,336	2,980	2,307
Engineering & Architectural Services	12,892	13,681	14,223	789	542
Accounting, Auditing	6,692	7,152	8,476	460	1,324
Misc. Professional Services	4,465	6,196	6,637	1,731	441
GOVERNMENT, TOTAL 1/	72,931	65,036	67,240	-7,895	2,204
Federal Public Admin.	31,458	25,450	25,280	-6,008	-170
Postal Service	17,658	13,740	12,742	-3,918	-998
Federal Public Admin.	13,800	11,710	12,538	-2,090	828
State Public Admin.	12,439	11,857	12,839	-582	982
Local Public Admin.	29,034	27,729	29,121	-1,305	1,392

1/ Government workers involved in activities unique to government are classified in the public administrative industry. Government workers in agencies engaged in activities also carried on by private industry such as shipbuilding, education, and medical services, are classified in the appropriate industry category.

Average weekly hours for a production worker in the Boston SMSA increased through 1977 from 38.4 hours per week in January 1977 to 40.4 hours per week in December 1977, an over the year increase of 2.0 hours per week, This compares favorably with statewide figures which show average weekly hours increasing 2.3 hours per week from 38.3 in January 1977 to 40.6 in December 1977.

Average hourly earnings for a production worker in the Boston SMSA rose steadily throughout 1977 ending the year with a December figure of $5.87 per hour. This represents an increase of $0.33 per hour or 6.0 per cent. Statewide, for the same time period, hourly earnings also rose $0.33 per hour from $5.03 to $5.36. Comparing the December 1977 average hourly earnings statewide and for the Boston SMSA earnings for production workers in the Boston SMSA are $0.51 per hour or 9.5 percent higher than those on a statewide basis.

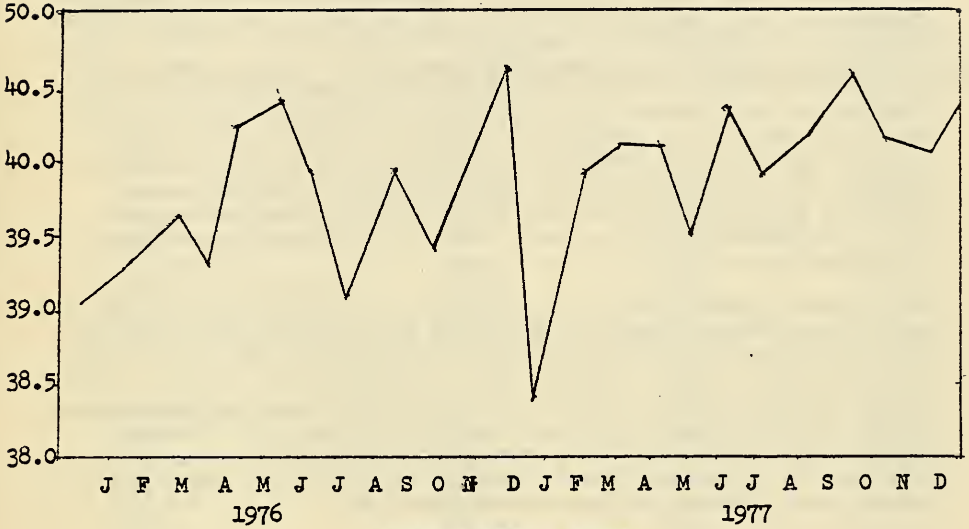
Table 6

Average Weekly Hours and Hourly Earnings
Massachusetts and Boston SMSA
1977

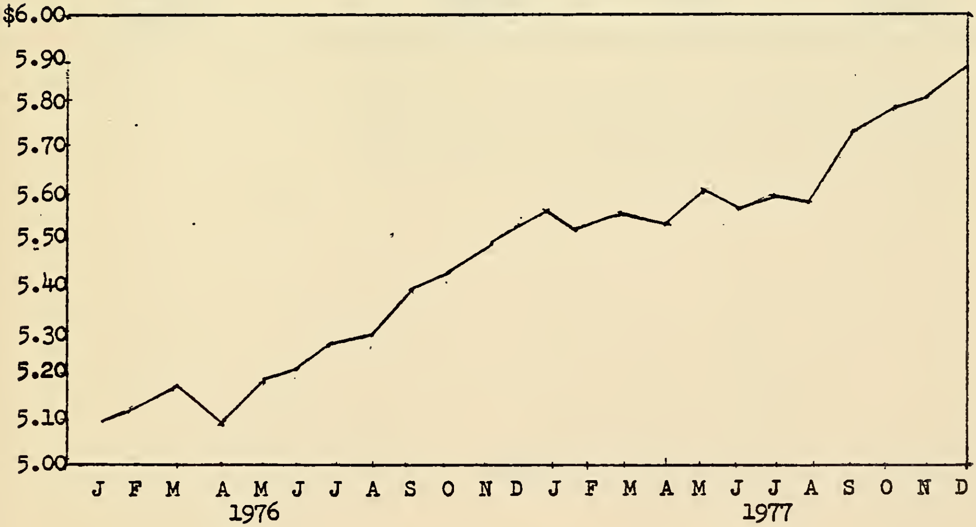
	Average Hours		Average Hourly Earnings	
	Mass.	Boston SMSA	Mass.	Boston SMSA
January	38.3	38.4	$5.03	$5.54
February	40.1	39.9	5.01	5.53
March	40.0	40.1	5.03	5.55
April	40.2	40.1	5.03	5.53
May	39.0	39.5	5.09	5.60
June	40.5	40.3	5.09	5.56
July	39.8	39.9	5.05	5.58
August	40.0	40.2	5.13	5.57
September	40.5	40.6	5.22	5.74
October	41.5	40.2	5.35	5.79
November	40.0	40.1	5.29	5.81
December	40.6	40.4	5.36	5.87

Table 7

HOURS AND HOURLY EARNINGS
BOSTON SMSA
1976 - 1977



AVERAGE WEEKLY HOURS



AVERAGE HOURLY EARNINGS

Annual average 1977 hours and earnings by industry for production workers in the Boston SMSA appear in Table 8 . Overall, manufacturing industries averaged a 40 hour week with an hourly rate of $5.64. The durable goods industries averaged 40.5 hours per week at an hourly rate of $5.87. Within these industries, the highest weekly wage was in transportation equipment with an hourly rate of $6.98 offsetting the less than 40 hour week. It should be noted however, that the number of hours per week in this particular industry was adversely affected by a strike that occurred at one of the companies within this industry during 1977. The second highest weekly wage in the durable goods industries occurred in instruments, which also had the highest number of hours worked per week. This is in keeping with the general trend of growth exhibited in this industry within the SMSA.

The nondurable goods industries did not fare as well during 1977, ending the year with average weekly hours of 39.2 and an hourly rate of $5.30. Chemicals had the highest average weekly earnings with $259.79 per week representing 41.7 hours worked per week at an hourly rate of $6.23. The printing industry had the highest hourly rate within the nondurable goods sector, but the average weekly wage was lowered due to the fact that weekly hours averaged only 36.3. The poorest performance within this sector was in the apparel industry which had not only the fewest average hour per week but also the lowest hourly pay rate.

Table 8
Hours and Earnings
Manufacturing Industries
Annual Averages - Boston SMSA
1977

Industry	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
Manufacturing	$225.60	40.0	$5.64
Durable Goods	237.74	40.5	5.87
Primary Metals	218.16	40.4	5.40
Fabricated Metals	231.80	41.1	5.64
Machinery (except electrical)	248.67	40.5	6.14
Electrical Machinery	202.98	39.8	5.10
Transportation Equip.	270.82	38.8	6.98
Instruments	262.23	42.5	6.17
Nondurable Goods	207.76	39.2	5.30
Food	237.69	40.7	5.84
Textiles	203.85	45.3	4.50
Apparel	139.01	36.2	3.84
Paper	217.46	41.5	5.24
Printing	248.66	36.3	6.85
Chemicals	259.79	41.7	6.23
Rubber	202.00	40.0	5.05
Leather	153.09	36.8	4.16

Labor Turnover in the Boston SMSA

Table 9 represents accession and separation rates for the Boston SMSA for the current month (January 1978), a month ago and a year ago. The measure of net flow into or out of employment, i.e. difference between total accessions and total separations, recorded a negative balance of 0.3 for the month of January. This difference represents an improvement from the negative balance of 1.2 for December 1977.

Total accessions to manufacturers' payrolls including new hires, recalls from layoffs, and transfers to other establishments rose to a rate of 3.1 percent for the Boston SMSA in January as compared with a state rate of 4.1 percent and national accession rate of 3.8 for the same period. Accession rates were greatest in nondurable goods, specifically apparel and other finished textile products (4.7), rubber and miscellaneous allied products (6.1) and leather and leather products (6.3).

Total separations increased over the month by 0.2 percentage points to 3.4, as compared with a state rate of 3.2. The quit rate, a partial reflection of workers assessment of existing job opportunities, rose very slightly by 0.2 to 1.2 for January, and compares favorably with the state rate of 1.5.

Definitions

Labor Turnover:	Gross movement of wage and salary workers into and out of jobs with respect to individual firms.
Total Accessions:	All permanent or temporary additions, whether new or former employees.
New Hires:	Permanent or temporary additions of persons who not have been specifically recalled by the employer, or transferred from another establishment of the same firm.
Recalls:	Permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than seven consecutive days.
Total Separations:	Terminations of employment resulting from quits, discharges, layoff, transfers to another establishment of the same company, military duty and other miscellaneous causes.
Quits:	Terminations of employment initiated by employee for any reason except to retire, to transfer to another establishment of the same company or to serve in the armed forces.
Layoffs:	Suspensions for pay status (which last or are expected to last more than seven consecutive calendar days) initiated by the employer without prejudice to the worker for such reasons as lack of orders, model changeover, or termination of seasonal employment.

Table 9

Labor Turnover Rates 1/
Manufacturing Industries
Boston SMSA
January 1978

Industries	Accession Rates									Separation Rates								
	Total			New Hires			Recalls			Total			Quits			Layoffs		
	Jan '78	Dec '77	Jan '77	Jan '78	Dec '77	Jan '77	Jan '78	Dec '77	Jan '77	Jan '78	Dec '77	Jan '77	Jan '78	Dec '77	Jan '77	Jan '78	Dec '77	Jan '77
All Manufacturing	3.1	2.0	2.6	2.2	1.4	1.7	0.6	0.4	0.6	3.4	3.2	2.6	1.2	1.0	1.0	1.2	1.3	0.9
Durable Goods	2.7	1.9	2.2	2.1	1.3	1.5	0.3	0.3	0.3	3.0	2.7	2.0	1.2	0.9	0.8	0.8	0.8	0.4
Primary Metals	3.2	1.7	1.0	3.1	1.7	0.8	0.1	0.0	0.1	2.6	1.7	3.3	1.5	0.9	0.7	0.6	0.2	2.0
Fabricated Metals	3.4	2.0	1.7	3.1	1.5	1.4	0.2	0.4	0.3	4.1	2.4	2.0	1.6	1.0	1.0	1.3	0.7	0.6
Machinery (exc. elec.)	1.7	1.6	1.7	1.6	1.1	1.0	*	0.1	0.1	1.6	1.9	2.2	0.8	0.5	0.8	0.3	0.3	0.2
Electrical Machinery	2.9	2.1	2.5	2.5	1.7	1.8	0.2	0.1	0.3	3.2	2.0	1.9	1.5	1.1	1.0	0.5	0.2	0.4
Transportation Equip.	2.4	0.9	2.9	1.2	0.4	1.8	1.1	0.1	0.8	2.5	5.0	1.5	0.6	0.8	0.4	0.9	2.6	0.3
Instruments	2.8	1.7	2.1	1.9	1.2	1.6	0.2	0.1	0.1	3.2	2.2	2.0	1.1	0.9	0.9	0.5	0.2	0.4
Nondurable Goods	3.8	2.3	3.3	2.4	1.5	1.9	1.1	0.7	1.3	4.0	4.1	3.7	1.3	1.2	1.2	2.0	2.2	1.7
Food & Kindred	3.2	3.4	4.3	1.7	1.2	2.1	1.4	2.2	2.3	3.0	3.9	4.6	1.2	1.1	1.1	1.4	2.5	2.6
Textiles	3.5	1.8	3.1	2.9	1.7	1.4	0.5	0.0	1.5	3.8	4.5	3.4	2.0	1.0	1.0	1.1	2.6	0.5
Apparel & Other	4.7	3.2	3.6	2.2	2.0	2.1	2.2	1.1	1.5	5.5	5.0	6.6	1.2	0.9	1.6	3.6	3.5	4.5
Paper	1.6	1.4	3.8	1.1	0.7	1.6	0.3	0.3	1.8	3.1	1.8	3.0	1.2	0.9	1.3	1.6	0.4	1.1
Printing	1.8	1.7	2.2	1.6	1.6	1.9	0.0	0.1	0.1	3.5	2.9	2.2	0.9	1.7	1.4	1.8	0.7	0.4
Chemicals	3.5	1.4	1.5	1.0	1.2	1.1	0.3	0.2	0.3	1.5	1.1	1.8	0.8	0.6	0.6	0.1	0.1	0.4
Rubber	6.1	2.3	2.9	5.8	2.1	2.8	0.2	0.1	0.1	3.8	3.4	2.4	2.2	1.8	1.2	0.2	0.8	0.3
Leather	6.3	2.3	3.9	2.9	1.7	1.9	3.0	0.6	1.9	4.1	7.4	5.3	0.9	1.0	1.5	2.3	5.4	3.1

1/ Per 100 Employees

* Less than 0.05

IV. Employment Developments and Outlook by Occupation

Long range trends for the Boston SMSA appear in table 10, which contains both 1974 employment levels and 1985 projected levels with annual average demand through the eleven year period. Updated national occupational change factors for 1970-1974 and 1974-1985 were utilized in updating the local matrix. These figures however,are not comparable with total employment since they are not adjusted for place of residence nor are they comparable with nonagricultural employment totals as they are adjusted for dual job holders, unpaid absences, all other nonagricultural employment and agricultural employment.

The total projected occupational demand requirements during 1974-1985 span of years is based on both the demand arising from industry growth and replacement needs expected as a result of death, retirement or other separations from the labor force. Over the eleven year period, clerical workers are expected to be the fastest growing occupational category with a projected annual growth rate of 7.6 percent. Especially significant within the category is the expected increase in stenographers, typists and secretaries, an anticipated increase of almost 19,000 over the period. Miscellaneous clerical occupations are also forecast to have high annual demand (3,121) over the period. Teachers show very little gain due to growth, with most of the demand over the period due to separations.

By 1985 health service workers will increase by 10,588 to comprise over 20 percent of all service workers. Growth will be especially strong among nursing aides, orderlies, attendants and practical nurses, with annual demand of 1,494 and 1,226 respectively. Declining occupations include farmers, farm workers, barbers, guards, sewers, stitchers, miscellaneous machine operatives, bookkeepers, file clerks, postal clerks, and telephone operators.

Total employment in the SMSA is projected to increase by 111,079 between 1974 and 1985 if economic trends continue. Nationwide projections reveal a similar trend although growth rates are larger than those locally.

TABLE 10

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1974 - 1985 PERIOD
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separation
TOTAL, ALL OCCUPATIONS	1,320,830	1,431,909	66,793	10,103	56,690
Professional, Technical, Kindred	247,424	275,743	11,898	2,574	9,324
Engineers, Technical	29,976	31,863	647	170	477
Engineers, Aero-Astronautical	714	641	0	-7	7
Engineers, Chemical	714	720	9	0	9
Engineers, Civil	3,987	3,999	95	1	94
Engineers, Electrical	9,833	11,109	231	116	115
Engineers, Industrial	4,927	5,041	92	10	82
Engineers, Mechanical	4,517	5,024	125	46	79
Engineers, Metallurgical	267	298	8	3	5
Engineers, Mining	16	27	3	1	2
Engineers, Petroleum	0	0	0	0	0
Engineers, Sales	1,086	1,134	26	4	22
Engineers, Other	3,915	3,870	58	-4	62
Life & Physical Scientists	4,595	4,813	128	20	108
Agricultural Scientists	88	98	5	1	4
Atmospheric, Space Scientists	91	102	2	1	1
Biological Scientists	779	747	23	-3	26
Chemists	2,428	2,572	74	13	61
Geologists	69	86	3	2	1
Marine Scientists	6	9	0	0	0
Physicists & Astronomers	1,101	1,154	20	5	15
Life, Physical Scientists, N.E.C.	33	45	1	1	0
Mathematical Specialists	1,338	1,584	73	23	50
Actuaries	523	640	25	11	14
Mathematicians	329	394	18	6	12
Statisticians	486	550	30	6	24
Engineers, Science Technicians	20,031	23,309	671	299	372
Agricultural & Biological Technicians, Except Health	297	319	14	2	12
Chemical Technicians	1,389	1,606	49	20	29
Drafters	7,148	8,100	201	87	114
Electrical & Electronic Technicians	5,019	6,106	168	99	69
Industrial Engineering Technicians	545	599	14	5	9
Mathematical Technicians	0	0	0	0	0
Mechanical Engineering Technicians	389	470	13	7	6
Surveyors	803	909	24	10	14
Engineering, Science Technicians, N.E.C.	4,441	5,200	188	69	119
Medical Workers, Except Technicians	36,194	40,939	2,493	431	2,062
Chiropractors	49	64	3	1	2
Dentists	2,155	2,988	176	76	100
Dietitians	811	807	55	-0	55
Optometrists	455	607	30	14	16
Pharmacists	2,735	2,740	105	0	105
Physicians, M. D. Osteopaths	8,185	9,300	451	101	350
Podiatrists	253	296	18	4	14
Registered Nurses	18,769	19,917	1,352	105	1,247
Therapists	2,467	3,715	279	113	166
Veterinarians	257	377	16	11	5
Other Medical & Health Workers	58	128	8	6	2

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Health Technologists & Technicians	8,849	10,882	799	216	583
Clinical Lab. Technologists & Technicians	3,530	3,716	240	17	223
Dental Hygienists	871	1,690	151	74	77
Health Record Technologists & Technicians	416	640	61	20	41
Radiological Technologists & Technicians	1,521	1,587	115	6	109
Therapy Assistants	71	108	8	3	5
Other Health Technologists & Technicians	2,080	3,141	224	96	128
Technicians, Except Health	2,260	2,994	120	67	53
Airplane Pilots	561	591	8	3	5
Air Traffic Controllers	188	211	6	2	4
Embalmers	165	146	2	-2	4
Flight Engineers	70	72	0	0	0
Radio Operators	316	349	12	3	9
Tool Programmers, Numerical	59	54	1	-0	1
Other Technicians, Except Health	901	1,571	91	61	30
Computer Specialists	8,998	10,953	384	178	206
Computer Programmers	5,821	6,857	251	94	157
Computer Systems Analysts	2,715	3,516	116	73	43
Other Computer Specialists	462	580	17	11	6
Social Scientists	4,610	5,223	165	56	109
Economists	2,652	3,123	99	43	56
Political Scientists	127	90	0	-3	3
Psychologists	1,449	1,526	49	7	42
Sociologists	39	51	2	1	1
Urban & Regional Planners	266	304	6	3	3
Other Social Scientists	77	129	9	5	4
Teachers	51,328	52,979	2,561	150	2,411
Adult Education Teachers	1,259	1,518	74	24	50
College & University Teachers	10,589	10,500	257	-8	265
Elementary School Teachers	15,968	16,857	1,112	81	1,031
Preschool & Kindergarten Teachers	3,302	3,524	216	20	196
Secondary School Teachers	14,752	14,900	568	13	555
Teachers, N.E.C., Except Colleges & Universities	5,458	5,680	334	20	314
Writers, Artists, & Entertainers	20,966	22,994	804	185	619
Actors	190	312	24	11	13
Athletes & Kindred Workers	1,326	1,475	40	14	26
Authors	976	713	-5	-24	19
Dancers	117	157	11	4	7
Designers	3,030	3,169	96	13	83
Editors & Reporters	4,090	4,420	78	30	48
Musicians & Composers	2,260	2,702	141	40	101
Painters & Sculptors	3,559	3,804	164	22	142
Photographers	1,302	1,363	40	6	34
Public Relations Specialist	2,005	2,151	86	13	73
Radio & TV Announcers	262	292	7	3	4
Writers, Artists, & Entertainers, N.E.C.	1,849	2,436	122	53	69
Other Professional & Technical	58,639	67,210	3,053	779	2,274
Accountants	17,748	19,567	761	165	596
Architects	2,338	2,459	69	11	58
Archivists & Curators	296	378	22	7	15
Clergy	2,511	2,778	81	24	57
Religious, Except Clergy	1,119	1,326	51	19	32
Farm Management Advisors	22	14	0	-1	1

TABLE 10 (Continued))
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Foresters & Conservationists	73	83	3	1	2
Home Management Advisors	64	54	3	-1	4
Judges	142	151	13	1	12
Lawyers	8,378	9,397	476	93	383
Librarians	2,986	3,116	197	12	185
Operations, Systems Research	2,126	3,204	135	98	37
Personnel Labor Relations	5,267	5,617	206	32	174
Research Workers, N.E.C.	5,961	8,036	433	189	244
Recreation Workers	1,931	2,351	137	38	99
Social Workers	5,620	5,979	354	33	321
Vocational, Education Counselors	2,057	2,700	112	58	54
Managers, Officials, & Proprietors	152,165	161,704	5,708	868	4,840
Buyers, Sales, & Loan Managers	29,990	36,605	1,567	601	966
Bank, Financial Managers	8,824	10,461	438	149	289
Credit Managers	1,554	1,900	103	31	72
Buyers, Shippers, Farm Products	194	228	9	3	6
Buyers, Wholesale, Retail	3,456	4,654	278	109	169
Purchasing Agents, Buyers, N.E.C.	3,717	4,501	185	71	114
Sales Manager, Retail Trade	5,322	6,687	294	124	170
Sales Manager, Except Retail Trade	6,923	8,174	260	114	146
Administrators, Public Inspectors	12,540	13,773	587	113	474
Assessors, Controllers, Local Public Administration.	302	275	21	-2	23
Construction Inspectors, Public Administration	298	305	17	1	16
Health Administrators	3,422	3,981	227	51	176
Inspectors, Except Construction, Public Admin.	1,282	1,450	55	15	40
Officials & Administrators, Public Admin.	3,405	3,333	126	-6	132
Postmasters & Mail Superintendents	204	139	1	-6	7
School Administrators, College	1,049	1,270	35	20	15
School Administrators, Elementary & Secondary	2,578	3,020	105	40	65
Other Managers, Officials, & Proprietors	109,635	111,326	3,554	154	3,400
Funeral Directors.	683	654	27	-3	30
Managers, Superintendents, Building	1,722	2,153	140	39	101
Office Managers, N.E.C.	5,772	6,806	331	94	237
Officers, Pilots, Pursers, Ship	273	285	11	1	10
Officials of Lodges, Unions	1,113	1,043	38	-6	44
Railroad Conductors	209	253	10	4	6
Restaurant, Cafe & Bar Managers	7,848	8,100	134	23	111
Other Managers & Administrators, N.E.C.	92,015	92,032	2,863	2	2,861
Sales Workers	92,686	101,223	4,779	777	4,002
Advertising Agents, Sales Workers	1,115	1,308	63	18	45
Auctioneers	18	13	0	-0	0
Demonstrators	400	616	47	20	27
Hucksters & Peddlers	1,181	1,535	94	32	62
Insurance Agents, Brokers, etc.	8,818	9,170	319	32	287
Newspaper Carriers & Vendors	682	539	-1	-13	12
Real Estate Agents, Brokers	6,606	6,835	339	21	318
Stock & Bond Sales Agents	2,572	2,527	87	-4	91
Sales & Sales Workers, N.E.C.	71,294	78,680	3,831	671	3,160

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985 Total Demand	Due to Growth	Due to Separations
rical Workers	294,203	334,521	22,433	3,665	18,768
tenographers, Typists & Secretaries	92,090	110,919	9,337	1,713	7,624
Secretaries, Legal	2,762	3,560	332	73	259
Secretaries, Medical	3,597	4,585	410	90	320
Secretaries, Other	60,710	76,227	6,569	1,411	5,158
Stenographers	1,232	732	28	-45	73
Typists	23,789	25,815	1,998	184	1,814
ffice Machine Operators	15,310	14,597	602	-65	667
Bookkeeping, Billing Operators	1,183	1,054	53	-12	65
Calculating Machine Operators	714	707	45	-1	46
Computer, Peripheral Equipment Operators	5,642	6,478	202	76	126
Duplicating Machine Operators	452	384	14	-6	20
Keypunch Operators	5,839	4,550	217	-117	334
Tabulating Machine Operators	44	22	-1	-2	1
Other Office Machine Operators	1,436	1,402	72	-3	75
ther Clerical Workers	186,803	209,005	12,494	2,017	10,477
Bank Tellers	5,547	6,121	410	52	358
Billing Clerks	2,937	3,852	299	83	216
Bookkepers	29,877	28,734	1,749	-104	1,853
Cashiers	18,717	19,958	1,322	113	1,209
Clerical Assistants, Social Welfare	228	260	19	3	16
Clerical Supervisors, N.E.C.	3,704	4,325	221	56	165
Collectors, Bill & Account	911	921	39	1	38
Counter Clerks, Except Food	5,520	6,294	411	70	341
Dispatchers, Starters, Vehicle	1,558	1,886	84	30	54
Enumerators & Interviewers	715	623	28	-8	36
Estimators, Investigators, N.E.C.	7,503	8,515	458	92	366
Expeditors, Production Controllers	3,952	4,777	201	75	126
File Clerks	7,279	6,755	447	-47	494
Insurance Adjusters & Examiners	3,429	3,729	143	27	116
Library Attendants & Assistants	3,443	3,899	287	41	246
Mail Carriers, Post Office	4,500	4,070	32	-39	71
Mail Handlers, Except Post Office	4,023	4,512	235	44	191
Messengers & Office Helpers	1,771	1,455	62	-29	91
Meter Readers, Utilities	459	411	2	-4	6
Payroll, Time Keeping Clerks	3,288	3,746	254	42	212
Postal Clerks	6,323	5,720	109	-55	164
Proofreaders	705	739	50	3	47
Real Estate Appraisers	427	460	30	3	27
Receptionist	6,591	7,724	657	103	554
Shipping, Receiving Clerks	10,411	11,350	371	85	286
Statistical Clerks	6,136	5,864	328	-25	353
Stock Clerks, Storekeepers	7,496	8,568	354	98	256
Teachers' Aides, Except Monitors	1,943	3,364	234	129	105
Telegraph Messengers	38	15	-1	-2	1
Telegraph Operators	199	169	6	-3	9
Telephone Operators	9,616	7,890	435	-157	592
Ticket Station & Express Agents	2,087	2,141	87	5	82
Weighers	203	230	10	2	8
Miscellaneous Clerical Workers, N.E.C.	25,267	39,928	3,121	1,333	1,788

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Craft & Kindred Workers	148,501	157,575	4,085	825	3,260
Construction Crafts Workers	42,966	47,592	1,280	420	860
Carpenters & Apprentices	13,761	14,917	452	105	347
Brick & Stonemasons & Apprentices	2,070	2,318	60	23	37
Bulldozer Operators	543	703	24	15	9
Cement & Concrete Finishers	713	810	16	9	7
Electricians & Apprentices	7,112	7,920	157	73	84
Excavating, Grading & Machine Operators	1,716	2,141	63	39	24
Floor Layers, Except Tile Setters	434	439	8	0	8
Painters & Apprentices	6,413	6,456	184	4	180
Paperhangers	561	629	29	6	23
Plasterers & Apprentices	546	491	7	-5	12
Plumbers, Pipefitters & Apprentices	5,798	6,790	164	90	74
Roofers & Slaters	1,194	1,567	55	34	21
Structural Metal Craft Workers	1,431	1,721	49	26	23
Tilesetters	674	690	12	1	11
Blue-Collar Worker Supervisors, N.E.C.	19,311	20,802	656	136	520
Metalworking Craft Workers, Except Mechanics	15,201	15,510	330	29	301
Blacksmiths	36	32	1	-0	1
Boilermakers	269	300	4	3	1
Heat Treaters, Annealers, & Temperers	225	178	2	-4	6
Forge & Hammer Operators	82	88	1	0	1
Job & Die Setters, Metal	705	811	28	10	18
Machinists & Apprentices	7,604	7,700	158	9	149
Millwrights	607	657	20	5	15
Molders & Apprentices, Metal	360	317	2	-4	6
Pattern & Model Makers	566	446	6	-11	17
Rollers & Finishers, Metal	76	76	2	0	2
Sheetmetal Workers & Apprentices	2,938	3,047	59	10	49
Tool & Diemakers & Apprentices	1,733	1,858	47	11	36
Mechanics, Repairers, & Installers	35,457	40,004	1,065	415	650
Air Cond., Heating, & Refrig. Mechanics & Repairers	3,602	4,488	144	81	63
Aircraft Mechanics	925	989	15	6	9
Auto Accessories Installers	94	97	1	0	1
Auto Body Repairers	2,458	2,500	31	4	27
Auto Mechanics & Apprentices	10,962	12,013	284	96	188
Data Processing Machine Repairers	837	1,185	40	32	8
Farm Implement Mechanics	458	609	27	14	13
Heavy Equipment Mechanics Including Diesel	8,030	8,510	219	44	175
Household Appliance Mechanics	1,681	1,898	53	20	33
Loom Fixers	4	5	0	0	0
Office Machine Repairers	1,118	1,530	52	37	15
Radio & Television Repairers	1,872	2,599	109	66	43
Railroad & Car Shop Repairers	271	259	6	-1	7
Other Mechanics & Apprentices	3,145	3,322	84	16	68
Printing Trade Craft Workers	7,502	6,943	140	-51	191
Bookbinders	693	670	30	-2	32
Composition & Typesetters	2,879	2,266	23	-56	79
Electrotypers & Stereotypers	53	32	-1	-2	1
Engravers, Except Photoengravers	202	154	2	-4	6
Photoengravers & Lithographers	749	817	25	6	19
Pressmen, Plate Printers & Apprentices	2,926	3,004	61	7	54

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
nsportation, Public Utility Crafts	9,760	9,699	83	-6	89
lectric Power Line Installers & Repairers	1,070	1,170	22	8	14
ocomotive Engineers	258	305	10	4	6
ocomotive Engineers Helpers	29	14	-1	-1	0
ower Station Operators	200	161	1	-4	5
elephone Installers & Repairers	7,359	7,391	63	3	60
elephone Line Installers & Splicers	836	658	-12	-16	4
er Crafts, Kindred Workers	18,304	17,025	531	-118	649
akers	2,106	1,719	30	-35	65
abinetmakers	780	650	10	-12	22
arpet Installers	607	693	13	8	5
rane, Derrick, & Hoist Operators	1,743	1,688	32	-5	37
ecorators & Window Dressers	1,065	1,105	54	4	50
ental Laboratory Technicians	578	520	17	-5	22
urniture & Wood Finishers	417	380	11	-4	15
urriers	63	58	3	-0	3
laziers	442	544	18	9	9
Inspectors, Log & Lumber	25	7	-1	-2	1
Inspectors, Other	1,797	1,686	46	-10	56
Jewelers & Watchmakers	584	538	26	-4	30
illers, Grain, Flour, Feed	15	20	0	0	0
otion Picture Projectionists	194	209	19	1	18
pticians, Lens Grinders & Polishers	828	1,360	83	48	35
Piano & Organ Tuners & Repairers	179	200	14	2	12
Shipfitters	177	190	5	1	4
Shoe Repairers	502	253	3	-23	26
Sign Painters & Letterers	519	458	17	-6	23
Stationary Engineers	1,922	1,425	12	-45	57
Stone Cutters & Stone Carvers	156	159	7	0	7
Tailors	1,273	1,042	45	-21	66
Upholsterers	676	683	30	1	29
Craft & Kindred Workers, N.E.C.	1,656	1,438	37	-20	57
atives	159,282	155,749	5,184	-318	5,502
eratives, Except Transportation	119,378	115,333	4,304	-365	4,669
emiskilled Metal Working	12,885	12,888	339	0	339
Drill Press Operators	888	784	18	-9	27
Furnace Tenders, Smelters, & Pourers, Metal	264	269	9	0	9
Grinding Machine Operatives	1,067	1,038	25	-3	28
Heaters, Metal	18	7	-1	-1	0
Lathe & Milling Machine Operatives	1,871	1,715	29	-14	43
Metal Platers	624	711	25	8	17
Other Precision Machine Operatives	1,091	1,058	24	-3	27
Punch & Stamping Press Operatives	1,042	975	30	-6	36
Solderers	1,179	793	16	-35	51
Welders & Flame Cutters	4,841	5,538	164	63	101
miskilled Textile	1,204	782	5	-38	43
Carding, Lapping, & Combing Operatives	49	17	-1	-3	2
Knitters, Loopers, & Toppers	105	34	-3	-6	3
Spinners, Twisters, & Winders	112	68	1	-4	5
Weavers	62	46	2	-1	3
Other Textile Operatives	876	617	6	-24	30

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Semiskilled Packing, Inspecting	23,027	22,612	1,028	-38	1,066
Checkers, Examiners, & Inspectors, Mfg.	9,546	10,311	494	70	424
Graders & Sorters, Manufacturing	280	207	7	-7	14
Meat Wrappers, Retail Trade	1,437	1,603	102	15	87
Packers & Wrappers, Except Meat & Produce	11,603	10,321	416	-117	533
Produce Graders & Packers, Except Factory & Farm	161	170	9	1	8
Other Operatives, Except Transportation	82,262	79,051	2,932	-289	3,221
Asbestos & Insulation Workers	438	676	31	22	9
Assemblers	16,252	17,516	861	115	746
Blasters	43	34	0	-1	1
Bottling & Canning Operatives	487	442	15	-4	19
Surveyor Helpers	69	65	0	-0	0
Clothing Ironers & Pressers	1,877	1,187	11	-63	74
Cutting Operatives, N.E.C.	3,018	2,917	108	-9	117
Dressmakers, Except Factory	1,428	1,237	84	-17	101
Drillers, Earth	195	174	3	-2	5
Dry Wall Installers, & Lathers	408	428	6	2	4
Dyers	101	88	1	-1	2
Filers, Polishers, Sanders, & Buffers	1,014	1,021	33	1	32
Garage Workers & Gas Station Attendants	4,364	3,846	7	-47	54
Laundry & Dry Cleaning Operatives, N.E.C.	2,760	2,491	120	-24	144
Meat Cutters & Butchers, Except Mfg.	3,498	3,200	75	-27	102
Meat Cutters, Butchers	540	499	11	-4	15
Milliners	39	26	2	-1	3
Mine Operatives, N.E.C.	34	19	0	-1	1
Mixing Operatives	875	782	11	-8	19
Oilers & Greasers, Except Auto	315	240	0	-7	7
Painters, Manufactured Articles	1,233	1,215	33	-2	35
Photographic Process Workers	2,619	2,846	132	21	111
Riveters & Fasteners	357	370	18	1	17
Sailors & Deckhands	195	201	4	1	3
Sawyers	248	212	7	-3	10
Sewers & Stitchers	9,195	7,354	344	-167	511
Shoemaking Machine Operatives	1,493	1,042	24	-41	65
Furnace Tenders & Stokers, Except Metal	1,151	984	29	-15	44
Winding Operatives, N.E.C.	878	1,078	57	18	39
Miscellaneous Machine Operatives	15,115	14,284	425	-76	501
Operatives, N.E.C.	12,023	12,577	480	50	430
Transportation Equipment Operatives	39,904	40,416	880	47	833
Boat Operators	59	57	1	-0	1
Bus Drivers	3,791	3,891	134	9	125
Conductors & Operators, Urban Rail Transit	626	645	14	2	12
Delivery & Route Workers	10,236	10,329	186	8	178
Fork Lift & Tow Motor Operators	2,215	2,472	58	24	34
Rail Vehicle Operators, N.E.C.	4	4	0	0	0
Parking Attendants	891	796	31	-9	40
Railroad Brake Operators	309	335	8	2	6
Railroad Switch Operators	169	243	14	7	7
Taxicab Drivers & Chauffeurs	5,227	5,225	168	-0	168
Truck Drivers	16,377	16,419	266	4	262
Service Workers	173,185	192,286	11,528	1,738	9,790
Cleaning Service Workers	31,854	36,749	2,265	444	1,821
Lodging Quarters Cleaners, Except Private Household	2,301	2,745	225	40	185
Building Interior Cleaners, N.E.C.	11,929	14,957	1,062	275	787
Janitors & Sextons	17,625	19,047	978	129	849

TABLE 10 (Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Food Service Workers	60,261	66,702	3,642	586	3,056
Bartenders	3,650	4,152	129	46	83
Waiter's Assistants	2,459	2,620	51	15	36
Cooks, Except Private	10,993	13,216	681	202	479
Dishwashers	3,661	4,059	170	36	134
Food Counter & Fountain Workers	11,329	11,702	647	34	613
Waiters	20,123	22,520	1,484	218	1,266
Food Workers, N.E.C., Except Private	8,046	8,433	480	35	445
Health Service Workers	29,648	40,236	3,338	963	2,375
Dental Assistants	2,119	2,844	277	66	211
Health Aides, Except Nursing	3,397	4,246	345	77	268
Health Trainees	587	122	-4	-42	38
Lay Midwives	0	0	0	0	0
Nursing Aides, Orderlies, & Attendants	14,656	19,398	1,494	431	1,063
Practical Nurses	8,889	13,626	1,226	431	795
Personal Service Workers	19,641	21,348	1,496	157	1,339
Flight Attendants	1,279	1,461	165	17	148
Attendants, Recreation & Amusement	743	817	46	7	39
Attendants, Personal Service, N.E.C.	1,277	1,270	98	-1	99
Baggage Porters & Bellhops	320	262	0	-5	5
Barbers	1,803	1,185	7	-56	63
Boarding & Lodging Housekeepers	523	603	58	7	51
Bootblacks	5	1	0	-0	0
Child Care Workers, Except Private	2,794	4,329	397	140	257
Elevator Operators	735	439	17	-27	44
Hairdressers, Cosmetologists	6,348	6,633	457	28	429
Housekeepers, Except Private	1,839	1,843	109	0	109
School Monitors	641	943	56	27	29
Ushers, Recreation & Amusement	390	371	9	-2	11
Welfare Service Aides	944	1,191	77	22	55
Protective & Service Workers	24,023	23,060	581	-88	669
Crossing Guards & Bridgetenders	910	776	47	-12	59
Fire Fighters	6,858	7,050	113	17	96
Guards	7,230	5,847	262	-126	388
Marshals & Constables	59	65	4	1	3
Police & Detectives	8,460	8,844	128	35	93
Sheriffs & Bailiffs	506	478	27	-3	30
Private Household Workers	7,758	4,191	206	-324	530
Child Care Workers	3,109	1,558	64	-141	205
Cooks, Private	287	161	11	-11	22
Housekeepers, Private	954	539	29	-38	67
Launderers, Private Household	36	12	1	-2	3
Cleaners & Servants, Private Household	3,372	1,921	101	-132	233
Laborers, Except Farm	50,397	51,550	1,224	104	1,120
Animal Caretakers, Except Farm	1,398	1,908	112	46	66
Carpenters, Helpers	956	1,031	19	7	12
Construction Laborers, Exc. Carpenter's Help.	9,272	9,127	122	-13	135
Fishers, Hunters, & Trappers	316	281	4	-3	7
Freight, Material Handlers	8,096	8,180	164	8	156

TABLE 10(Continued)
BOSTON, SMSA

OCCUPATIONS	Employment 1974	Employment 1985	Annual Labor Demand 1974 - 1985		
			Total Demand	Due to Growth	Due to Separations
Garbage Collectors	813	1,047	38	21	17
Gardeners & Groundskeepers, Except Farm	5,503	5,705	228	18	210
Longshore Workers & Stevedores	821	887	28	6	22
Timbercutting & Logging Workers	76	55	-1	-2	1
Stock Handlers	13,614	14,511	330	82	248
Teamsters	17	10	0	-1	1
Vehicle Washers & Equipment Cleaners	2,564	2,602	64	3	61
Warehouse Laborers, N.E.C.	2,030	1,721	5	-28	33
Other Laborers	4,921	4,485	111	-40	151
Farmers & Farm Workers	2,987	1,558	-46	-130	84
Farmers & Farm Managers	780	395	-7	-35	28
Farmers (Owners & Tenants)	651	274	-10	-34	24
Farm Managers	129	121	3	-1	4
Farm Laborers, Farm Supervisors	2,207	1,163	-39	-95	56
Farm Labor Supervisors	165	129	3	-3	6
Farm Laborers, Wage Workers	1,918	918	-47	-91	44
Farm Laborers, Unpaid Family	107	100	4	-1	5
Farm Laborers, Self-Employed	17	16	1	-0	1

An analysis of unfilled job openings by major occupational category for selected occupational groups appears in Table 11 for the month of August, 1977. Data for the five job banks statewide is included and each major occupational category is represented as a percent of total unfilled openings. The largest group of openings in the Boston Metropolitan job bank for the August period appeared in the clerical and sales work occupations and represented a much larger segment of total openings than there were for other areas statewide. More than one in five unfilled openings (22.4 percent) occurred in the professional, technical and managerial category. As would be expected in our area, less than one percent of all openings for the month appeared in farming, fishing, forestry, and related work.

From July to August 1977, as evidenced in Table 12, unfilled openings in professional, technical and managerial occupations decreased slightly by 5 percent. The total number of unfilled openings listed in the Boston-Metropolitan job bank declined by 4.1 percentage points from the July level of 26.5 percent. The subgroups most responsible for this decrease in openings were Administrative Specializations (-54), Managers and Officials, n.e.c. (-31) and Professional, Technical and Managerial (-36). The most notable subgroup showing increases was Mathematics and Physical Sciences (+20).

Clerical and Sales Work Occupations registered a dramatic increase of 23.4 percent over the July 1977 level of 1,020 openings. Contributing most to this increase in openings were Computing and Account-Recording (+101), Material and Production Recording (+27), Miscellaneous Clerical (+37), Sales Agents and Salesperson's Commodities (+53) and Merchandising Occupations, Except Sales Agents (+25).

A moderate increase of 34.4 percent or 66 openings was observed in the Machine Trade Occupations with increases scattered throughout this category.

An additional 146 job openings for the July-August period occurred in the Bench Work category, constituting a substantial increase of 56.0 percent. Fabrication, Assembly and Repair of Metal Products, n.e.c. (+32) and Assembly and Repair of Electrical Equipment (+75) were most responsible for this rise in openings.

TABLE 11

Total Unfilled Job Openings
Massachusetts
August 31, 1977

	MAJOR OCCUPATIONAL CATEGORY SELECTED OCCUPATIONAL GROUP	BOSTON-METROPOLITAN		SPRINGFIELD		WORCESTER		LAWRENCE		TAUNTON		TOTAL
			%		%		%		%		%	
00,01	PROFESSIONAL, TECHNICAL, & MANAGERIAL WORK	1,033	27.4	558	23.7	905	16.8	610	16.3	424	16.1	3,530
01	Architecture & Engineering	206		141		178		73		45		643
02	Mathematics & Physical Sciences	54		37		26		28		30		175
04	Life Sciences	70		31		40		106		44		291
05	Social Sciences	6		-		6		3		5		20
07	Medicine & Health	107		124		141		42		73		487
09	Education	122		16		205		49		32		424
10	Museum, Library, & Archival Sciences	15		8		2		12		6		43
11	Law & Jurisprudence	4		3		9		1		6		23
13	Writing	13		2		1		10		5		31
14	Art	11		5		8		10		7		41
15	Entertainment & Recreation	25		2		9		2		10		48
16	Administrative Specializations	196		40		88		120		60		504
18	Managers & Officials, N.E.C.	101		57		90		72		43		363
19	Professional, Technical, & Managerial	103		92		102		82		58		437
2	CLERICAL & SALES WORK	1,259	27.3	477	20.3	813	15.1	580	15.5	315	12.0	3,444
20	Stenography, Typing, Filing, & Related Occupations	492		145		255		147		127		1,166
21	Computing & Account-Recording	344		161		248		95		75		923
22	Material & Production Recording	106		24		25		47		22		224
23	Information & Message Distribution	88		11		22		15		13		149
24	Miscellaneous Clerical	77		19		37		31		15		179

TABLE 11

Total Unfilled Job Openings (Continued)
Massachusetts
August 31, 1977

MAJOR OCCUPATIONAL CATEGORY SELECTED OCCUPATIONAL GROUP	BOSTON METROPOLITAN	%	SPRINGFIELD	%	WORCESTER	%	LAWRENCE	%	TAUNTON	%	TOTAL
25 Sales Agent, Services	19		27		48		31		23		148
26, 27, 28 Sales Agent & Salesperson, Commodities	95		17		55		148		16		331
29 Merchandising Occupations, Except Sales	38		73		123		66		23		323
3 SERVICES	694	15.0	389	16.5	905	16.8	536	14.3	620	23.6	3,144
30 Domestic Service	45		39		53		33		23		193
31 Food & Beverage Preparation & Service	263		71		365		221		172		1,092
32 Lodging & Related Service	10		7		33		25		112		187
33 Barbering, Cosmetology, Related Service	4		1		2		3		14		24
34 Amusement & Recreation Service	5		-		1		-		1		7
35 Miscellaneous Personal Service	64		179		159		47		101		550
36 Apparel & Furnishings Service	40		7		23		7		10		87
37 Protective Service	158		50		148		145		115		616
38 Building & Related Service	105		35		120		55		72		387
4 FARMING, FISHERY, FORESTRY, & RELATED WORK	30	0.6	338	14.4	626	11.6	93	2.5	43	1.6	1,130
40 Plant Farming	14		308		624		82		32		1,060
41 Animal Farming	1		3		2		1		-		7
42 Miscellaneous Farming & Related	-		-		-		6		7		13
43 Fishery & Related	1		-		-		-		1		2
44 Forestry	14		27		-		5		3		49

TABLE 11

Total Unfilled Job Openings (Continued)
Massachusetts
August 31, 1977

MAJOR OCCUPATIONAL CATEGORY SELECTED OCCUPATIONAL GROUP	BOSTON METROPOLITAN		SPRINGFIELD		WORCESTER		LAWRENCE		TAUNTON		TOTAL
5 PROCESSING	54	% 1.2	62	% 2.6	86	% 1.6	42	% 1.1	54	% 2.0	298
50 Processing of Metal	5		2		13		7		7		34
51 Ore Refining & Foundry	2		2		8		4		8		24
52 Processing of Food, Tobacco, Rel. Prod.	36		1		17		6		19		79
53 Processing of Paper & Related Materials	-		-		-		2		-		2
54 Manufacturing of Petroleum, Coal, Natural & Manufactured Gas & Related Products	1		-		-		-		1		2
55 Chemicals, Plastics, Synthetics, Rubber, Paint, & Related Products	9		31		41		12		16		109
57 Stone, Clay, Glass, & Related Products	-		-		2		2		-		4
58 Leather, Textiles, & Related Products	1		19		-		6		1		27
59 Processing Occupations, N.E.C.	-		7		5		3		2		17
6 MACHINE TRADES	258	5.6	198	8.4	548	10.2	303	8.1	160	6.1	1,467
60 Metal Machining	112		111		218		50		35		526
61 Metalworking Occupations, N.E.C.	33		23		56		32		32		176
62, 63 Mechanics & Machinery Repairers	51		21		78		31		39		220
64 Paperworking	2		10		9		5		6		32
65 Printing	11		6		30		4		7		58
66 Wood Machining	8		1		25		3		2		39
67 Machining Stone, Clay, Glass, & Rel. Materials	-		-		1		2		-		3
68 Textile	3		1		39		34		9		86
69 Machine Trades Occupations, N.E.C.	38		25		92		142		30		327

TABLE 11

Total Unfilled Job Openings (Continued)
Massachusetts
August 31, 1977

MAJOR OCCUPATIONAL CATEGORY SELECTED OCCUPATIONAL GROUP	BOSTON-METROPOLITAN		SPRINGFIELD		WORCESTER		LAWRENCE		TAUNTON		TOTAL
		%		%		%		%		%	
7 BENCH WORK	415	9.0	77	3.3	337	6.3	360	9.6	474	18.0	1,663
70 Fabrication, Assembly, & Repair of Metal Products, N.E.C.	41		5		35		14		40		135
71 Fabrication & Repair of Scientific & Medical Apparatus & Related Products	28		4		18		5		-		55
72 Assembly & Repair of Electrical Equipment	181		10		91		154		40		476
73 Fabrication & Repair of Products Made From Assorted Materials	4		4		68		6		31		113
74 Painting, Decorating, & Rel. Occupations	20		1		9		12		4		46
75 Fabrication & Repair of Plastics, Synthetics, Rubber & Related Products	-		-		1		17		-		18
76 Fabrication & Repair of Wood Products	6		-		21		2		4		33
77 Fabrication & Repair of Sand, Stone, Clay, & Glass Products	-		-		2		-		2		4
78 Fabrication & Repair of Textile, Leather, & Related Products	134		53		92		150		333		762
79 Bench Work Occupations, N.E.C.	1		-		-		-		20		21
8 STRUCTURAL WORK	512	11.1	145	6.2	869	16.1	864	23.1	306	11.6	2,696
80 Metal Fabricating, N.E.C.	72		19		39		33		18		181
81 Welders, Flame Cutters & Related Work	7		4		28		13		18		70
82 Electrical Assembling, Installing, & Repairing	30		9		39		32		16		126
84 Painting, Plastering, Waterproofing, Cementing, & Related Work	44		12		40		88		22		206

TABLE 11

Total Unfilled Job Openings (Continued)
Massachusetts
August 31, 1977

	MAJOR OCCUPATIONAL CATEGORY SELECTED OCCUPATIONAL GROUP	METROPOLITAN		SPRINGFIELD		WORCESTER		LAWRENCE		TAUNTON		TOTAL
			%		%		%				%	
85	Excavating, Grading, Paving, & Rel. Work	9		45		216		42		55		367
86	Construction Occupations, N.E.C.	297		36		433		519		101		1,386
89	Structural Work Occupations, N.E.C.	53		20		74		137		76		360
9	MISCELLANEOUS WORK	364	7.9	111	4.5	295	5.5	348	9.4	237	9.0	1,355
90	Motor Freight	69		16		28		40		43		196
91	Transportation Occupations, N.E.C.	45		23		48		29		29		174
92	Packaging & Materials Handling	226		54		192		272		137		881
94	Occupations in Logging	-		-		2		-		-		2
95	Production & Distribution of Utilities	13		5		9		-		5		32
96	Amusement, Recreation & Motion Picture Occupations, N.E.C.	2		1		7		-		1		11
97	Graphic Art Work	9		12		9		7		22		59
	GRAND TOTALS	4,619		2,355		5,384		3,736		2,633		18,727

Table 12

Comparison of Job Vacancies by Major Occupational Categories

Boston-Metropolitan Job Bank

August 1977 - July 1977

Major Occupational Categories	August 1977		July 1977	
	Total	Percent	Total	Percent
Professional, Technical, & Managerial	1,033	22.4	1,090	26.5
Clerical & Sales Work	1,259	27.2	1,020	24.8
Services	694	15.0	682	16.5
Farming, Fishery, Forestry, & Rel. Work	30	0.6	49	1.2
Processing	54	1.2	22	0.5
Machine Trades	258	5.6	192	4.7
Bench Work	415	9.0	266	6.5
Structural Work	512	11.1	548	13.3
Miscellaneous Work	364	7.9	247	6.0
ALL OPENINGS	4,619	100.0	4,116	100.0

Table 13 represents unfilled job openings by selected occupational groups including related wage data on August 31, 1977 for the Boston-Metropolitan Job Bank as well as comparable data for the other job banks statewide. Although in comparison to other weekly wage rates those appearing on the Boston Job Bank often appear to offer lesser rates of pay on the lower end of the spectrum these same positions frequently encompass higher wage rates as well, thereby constituting a larger spread of wage rates almost consistently throughout all major occupational groups. A literal comparison can be misleading, however, since different employers frequently view the same job title as encompassing vastly different duties and responsibilities.

An explanation of occupational groups components follows.

0) PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS
1)

This category includes occupations concerned with the theoretical or practical aspects of such fields of human endeavor as art, science, engineering, education, medicine, law, business relations, and administrative, managerial, and technical work. Most of these occupations require substantial educational preparation (usually at the university, junior college, or technical institute level).

2 CLERICAL AND SALES OCCUPATIONS

This category includes occupations concerned with preparing, transcribing, transferring, systematizing, and preserving written communications and records; collecting accounts; distributing information, and influencing customers in favor of a commodity or service. Includes occupations closely identified with sales transactions even though they do not involve actual participation.

3 SERVICE OCCUPATIONS

This category includes occupations concerned with performing tasks in and around private households; serving individuals in institutions and in commercial and other establishments; and protecting the public against crime, fire, accidents, and acts of war.

4 FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

This category includes occupations concerned with growing, harvesting, catching, and gathering land and aquatic plant and animal life and the products thereof; and occupations concerned with providing services in support of these activities.

5 PROCESSING OCCUPATIONS

This category includes occupations concerned with refining, mixing, compounding, chemically treating, heat treating, or similarly working materials and products. Knowledge of a process and adherence to formulas or other specifications are required in some degree. Vats, stills, ovens, furnaces, mixing machines, crushers, grinders, and related equipment or machines are usually involved.

6 MACHINE TRADE OCCUPATIONS

This category includes occupations concerned with feeding, tending, operating, controlling, and setting up machines to cut, bore, mill, abrade, print, and similarly work such materials as metal, paper, wood and stone. Throughout this category the overall relationship of the worker to the machine is of prime importance. At the more complex levels, the important aspects of the work include understanding machine functions, reading blueprints, making mathematical computations, and exercising judgement to attain conformance to specifications. Coordinations of the eyes and hands is the most significant factor at the lower levels. Disassembly, repair, reassembly, installations, and maintenance of machines and mechanical equipment, and weaving, knitting, spinning, and similarly working textiles are included in this category.

7 BENCH WORK OCCUPATIONS

This category includes occupations concerned with the use of body members, handtools, and bench machines to fit, grind, carve, mold, paint, sew, assemble, inspect, repair, and similarly work relatively small objects and materials, such as jewelry, phonographs, light bulbs, musical instruments, tires, footwear, pottery, and garments. The work is usually performed at a set position in a mill, plant, or shop, at a bench, worktable, or conveyor. At the more complex levels, workers frequently read blueprints, follow patterns, use a variety of handtools, and assume responsibility for meeting standards. Workers at the less complex levels are required to follow standardized procedures.

8 STRUCTURAL WORK OCCUPATIONS

This category includes occupations concerned with fabricating, erecting, installing, paving, painting, repairing, and similarly working structures or structural parts, such as bridges, building, roads, motor vehicles, cables, airplant engines, girders, plates, and frames. The work generally occurs outside a factory or shop environment, except for factory production line occupations. Tools used are hand or portable power tools, and such materials as wood, metal, concrete, glass, and clay are involved. Workers are frequently required to have a knowledge of the materials with which they work, e.g., stresses, strains, durability, and resistance to weather.

9 MISCELLANEOUS OCCUPATIONS

This category includes occupations concerned with transportation services; packing and warehousing, utilities; amusement, recreation, and motion picture services; mining and logging; graphic arts; and various miscellaneous activities.

Table 13
Comparison of Weekly Wage Rates By Job Bank Area By Occupation
August 31, 1977

Occupation	Boston Metro Job Bank			Springfield Job Bank			Worcester Job Bank			Lawrence Job Bank			Taunton Job Bank		
	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High
0,1 Professional, Technical, Related															
00.01 Architecture Engineering															
003.081 Structural Engineer	231	302	538	250	342	419	150	308	442	150	260	300	--	--	--
003.181 Electronics Engineer	120	192	269	--	--	--	125	200	500	140	165	231	--	--	--
007.081 Industrial Engineer	192	288	437	160	325	452	192	269	365	--	--	--	192	269	395
007.281 Mechanical Drafter	160	184	250	120	158	250	140	180	231	--	--	--	--	--	--
012.188 Efficiency Engineer	200	288	385	154	269	337	192	285	327	--	--	--	--	--	--
02 Mathmetics & Physical Science															
020.188 Programmer Computer	150	250	350	200	209	250	231	269	385	184	288	346	231	231	327
04 Life Sciences															
045.108 Counselor	80	176	329	112	186	313	100	156	215	130	163	217	135	180	221
09 Education															
090.228 Assistant Professor	173	250	319	--	--	--	192	195	195	--	--	--	--	--	--
091.228 Teacher Secondary	100	148	212	--	--	--	100	188	231	140	165	240	183	183	188
092.228 Teacher Special Education	109	184	192	100	147	169	94	190	240	--	--	--	--	--	--
16 Administrative Specialities															
166.268 Employment Specialist	162	179	231	--	--	--	126	173	231	115	171	186	116	179	288
169.168 Administrative Assistant	122	171	346	125	171	232	92	170	298	125	175	287	114	156	239
18 Managers & Officials n.e.c.															
183.168 Production Supervisor	120	190	506	265	265	265	240	337	356	--	--	--	--	--	--
185.168 Store Manager	92	143	200	150	175	250	135	170	225	110	130	173	--	--	--
187.168 Assistant Manager	100	186	308	109	171	250	150	175	192	92	188	329	120	160	225
189.168 Manager Trainee	136	172	385	100	170	175	92	158	385	--	--	--	--	--	--

Table 13
Comparison of Weekly Wage Rates By Job Bank Area By Occupation August 31, 1977 (continued)

Occupation	Boston Metro Job Bank			Springfield Job Bank			Worcester Job Bank			Lawrence Job Bank			Taunton Job Bank		
	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High
19 Misc. Prof.., Tech. & Related															
195.108 Social Worker	130	173	275	77	173	267	120	165	251	110	163	239	120	177	309
195.228 Recreation Leader	140	180	192	100	140	149	120	171	180	--	--	--	110	151	170
2 Clerical and Sales															
20 Stenography, Typing & Related															
201.368 Secretary	114	150	206	106	126	179	100	134	180	100	140	163	110	135	160
209.388 Cancellation Clerk	96	130	183	92	120	150	100	127	179	100	137	240	99	123	172
21 Computing & Account Recording															
210-388 Bookkeeper	110	145	231	125	145	192	100	140	200	92	150	185	99	129	165
213-502 Key Punch Operator	110	135	185	--	--	--	98	130	172	120	135	172	105	132	149
219-388 General Office Clerk	92	130	188	100	121	173	100	131	225	100	130	178	100	133	163
22 Material & Production Recording															
223-387 Stock Clerk	92	120	240	92	94	147	92	114	173	92	100	130	--	--	--
3 Services															
30 Domestic Services															
306-878 Housekeeper (live-in)	92	100	153	92	94	100	30	96	125	--	--	--	70	100	148
31 Food & Beverage Preparation															
311.878 Counter Person	50	92	200	50	78	53	53	92	135	44	75	100	53	74	100
314.381 Grill Person	92	120	180	110	117	120	92	120	140	92	110	180	--	--	--
318.887 Kitchen Helper	60	104	147	92	95	100	92	94	120	84	92	150	92	100	120
35 Miscellaneous Personal Services															
355.878 Nurse Aide	92	120	180	105	111	171	92	109	160	92	96	173	92	100	120

Table 13
Comparison of Weekly Wage Rates By Job Bank Area By Occupation August 31, 1977 (continued)

		Boston Metro Job Bank			Springfield Job Bank			Worcester Job Bank			Lawrence Job Bank			Taunton Job Bank		
		Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High
37	Protective Services															
	372.868 Security Guard	91	120	192	90	147	188	92	100	178	92	136	180	92	120	189
38	Building and Related Services															
	382.884 Custodian	63	120	196	92	138	170	92	128	175	92	100	130	92	115	192
6	Machine Trades															
60	Metal Machining															
	600.280 Machinists	120	200	315	120	170	240	120	180	269	92	200	240	92	168	300
	601.280 Tool and Die Maker	150	236	274	120	204	346	120	180	250	--	--	--	--	--	--
62	Mechanics & Machinery Repair															
	620.281 Automobile Mechanic	104	180	240	100	160	250	--	--	--	106	155	315	120	160	200
69	Machine Trade Occupations															
	690.782 Footwear Stitchers	100	125	150	--	--	--	110	117	120	92	110	200	92	100	200
7	Benchwork															
72	Assembly Electrical															
	726.884 Assembler	100	132	190	--	--	--	102	140	169	93	100	154	92	97	112
78	Fabrication, Textile & Leather															
	787.782 Sewing Machine Operator	92	104	180	92	95	104	92	104	130	92	120	136	92	106	200

Table 13
Comparison of Weekly Wage Rates By Job Bank Area By Occupation August 31, 1977
(continued)

		Boston Metro Job Bank			Springfield Job Bank			Worcester Job Bank			Lawrence Job Bank			Taunton Job Bank		
		Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High	Low	Median	High
8	Structural Work															
80	Metal Fabrication															
	804.281 Sheet Metal Mechanic	120	160	280	--	--	--	130	160	240	130	160	240	--	--	--
84	Painting, Plastering, & Related															
	840.78. Painter	106	180	240	--	--	--	100	170	180	120	179	230	--	--	--
86	Construction Occupations															
	860.381 Carpenter	116	180	260	--	--	--	140	180	348	160	183	230	140	172	184
89	Structural Work n.e.c.															
	899.381 Maintenance Repairer	99	163	200	120	152	179	92	148	200	100	164	205	92	150	183
9	Miscellaneous															
90	Motor Freight															
	905.883 Truck Driver Heavy	125	155	190	--	--	--							120	160	192
	906.883 Truck Driver Light	100	140	185	94	110	140	120	140	180	120	150	195	--	--	--
92	Packaging and Material Handling															
	920.887 Packager	92	100	120	--	--	--	92	92	108	96	102	130	92	110	165
	922.887 General Factory Worker	92	110	192	92	92	120	92	105	140	92	105	162	92	147	180
	929.887 Material Handler	92	176	224	100	124	147	92	120	165	92	130	170	92	92	120

A comparison of unfilled job openings by major occupational category for the period August 1976 through August 1977 appears in Table 12. This table evidences the magnitude of gains in total jobs openings over the 13 month period. Unfilled job openings are those job orders given by employers to the Division of Employment Security which on the last working day of every month remain unfilled for any number of reasons. Not only is there often a shortage of applicants possessing skills commensurate with job specifications, but frequently, these positions involve low pay, unattractive working conditions or lack of mobility.

These occupational groupings are presented in two digit detail and for purposes of analyzation it should be noted that such broad groupings contain within them a wide range of occupations from entry level to high skill positions. Over the year job growth appeared in all two digit occupational groupings, resulting in an overall growth of 91.7 percent, however, job seekers in benchwork, structural work and miscellaneous work (which includes such varied categories as truck drivers, air transportation, packaging, fireman and art work occupations) fared best of all with increases over the 13 month period of 101 percent, 248 percent and 136 percent respectively. The greatest absolute number of job openings appeared in the professional, technical and managerial occupations, although this grouping evidenced the smallest growth among all occupations listed. Large absolute numbers of openings also appeared in clerical and sales and service occupations.

Table 14

Boston Job Bank
Comparison of Unfilled Job Openings, by Major Occupational Category*
August 1976 - August 1977

	Occupational Group	Aug. 1976	Sept. 1976	Oct. 1976	Nov. 1976	Dec. 1976	Jan. 1977	Feb. 1977	Mar. 1977	April 1977	May 1977	June 1977	July 1977	Aug. 1977
	TOTAL	2,410	2,799	2,292	1,768	1,653	1,832	1,991	3,444	4,761	4,240	4,197	4,116	4,619
0.1	Professional, Technical, & Managerial	679	689	567	524	628	872	789	1,003	1,139	850	963	1,090	1,033
2	Clerical and Sales	663	707	771	457	389	400	496	852	1,100	851	963	1,020	1,259
3	Services	358	602	342	210	157	104	148	720	1,138	954	604	682	694
4	Farming, Fishing, Forestry & Related Work	18	12	9	16	2	2	6	44	66	48	42	49	30
5	Processing	20	14	18	16	12	14	11	29	19	16	18	22	54
6	Machine Trades	165	218	212	178	99	98	94	185	226	260	251	192	258
7	Bench Work	206	255	220	163	151	157	200	235	248	246	277	266	415
8	Structural Work	147	139	86	178	188	144	157	271	419	713	835	548	512
9	Miscellaneous Work	154	93	67	26	27	41	90	105	406	302	244	247	364

Source: Boston Job Bank 1976, 1977

* Openings unfilled as of last day of each month.

A detailed composition of active job applicants to unfilled job openings by occupational category appears for the Boston SMSA for the period ending August 31, 1977. (see Table 15). For purposes of analyzation, the limitations of this data must be noted. Job Bank openings register only that segment of job openings for a particular period of time which are posted through the Division of Employment Security. Many jobs exist for which firms conduct their own job recruitment. Moveover, many firms rely on classified ads or private employment agencies as well as in house recruitment to fill available openings. Numbers of available applicants are obtained through ESARS data (Employment Security Automated Reporting System), and limitational restraint exists in this data source as well, among them is the double counting which frequently occur as applicants register for employment in more than one Employment Service Office.

Despite data constraints, analysis of this information is of some value and does tend to reflect existing conditions to a great degree. It appears that in most catagories, many applicants exist for each opening posted, and at first glance, this is a misleading picture. One would wonder why any job should go unfilled when so many applicants are registered in each job classification. However, many of the positions listed in the Job Bank are low paying with little chance of any upward mobility. Often unrealistic wages are offered when compared with the experience desired and going wage rates in particular occupations which for selected occupations appear in Table 33. Some professions have inherent characteristics making them unattractive such as evening shift work for nurses.

This data is also valuable in terms of vocational and Manpower planning since it is readily apparent from the ratio of applicants to openings which occupations are heavily subscribed and which might present more fertile ground for the development and implementation of training programs.

Table 15

Detailed Composition of Active Job Applicants Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
	TOTAL	57,915	5,029	12/1
	PROFESSIONAL, TECHNICAL, MANAGERIAL			
001	Architecture	59	3	19/1
003	Electrical Engineering	249	124	2/1
005	Civil Engineering	92	24	4/1
007	Mechanical Engineering	167	61	3/1
008	Chemical Engineering	30	3	10/1
012	Industrial Engineering	118	38	3/1
017	Draftsmen, n.e.c.	43	9	5/1
020	Mathematics	162	52	3/1
041	Biological Sciences	80	4	20/1
045	Psychology	401	77	5/1
050	Economics	58	5	11/1
054	Sociology	22	0	--
074	Pharmacists	47	3	15/1
075	Registered Nurses	192	43	4/1
078	Medical and Dental Technology	144	29	5/1
079	Medicine and Health, n.e.c.	376	48	8/1
090	College and University Education	186	17	11/1
091	Secondary School Education	573	40	14/1
092	Primary School & Kindergarten Education	646	19	34/1
094	Education of the Handicapped	142	8	18/1
097	Vocational Education,n.e.c.	23	9	2/1
099	Education,n.e.c.	188	36	5/1
100	Librarians	48	11	4/1
110	Lawyers	49	4	12/1
132	Writers and Editors, Publications	107	9	12/1

Table 15 (Continued-2)

Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
139	Writing,n.e.c.	28	4	7/1
141	Commercial Artists	86	4	21/1
142	Designers	54	4	13/1
143	Photography	51	1	51/1
149	Art, n.e.c.	65	4	16/1
152	Music	95	1	95/1
153	Athletics and Sports	104	5	21/1
159	Entertainment and Recreation, n.e.c.	64	11	6/1
160	Accountants and Auditors, n.e.c.	325	10	32/1
162	Purchasing Management	160	7	23/1
163	Sales and Distribution Management	182	29	6/1
164	Advertising Management	41	--	--
165	Public Relations Management	91	14	6/1
166	Personnel and Training Administration	184	17	11/1
168	Inspecting & Investigating, Managerial & Public Serv.	94	9	10/1
169	Administrative Specializations	763	117	6/1
182	Construction Industry Managers and Officials	54	1	54/1
183	Manufacturing Industry Managers and Officials	103	25	4/1
184	Transportation, Communications & Utilities Industry Managers and Officials	83	0	---
185	Wholesale & Retail Trade Managers & Officials	504	23	22/1
186	Finance, Insurance & Real Estate Managers & Officials	167	4	42/1
187	Service Industry Managers and Officials	447	14	32/1
188	Public Administration Managers and Officials	27	3	9/1
189	Misc. Managers & Officials, n.e.c.	388	35	11/1

Table 15 (Continued-3)
Detailed Composition of Active Job Applicants Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
193	Radio Operators	28	1	28/1
195	Social and Welfare Work	594	90	6/1
199	Misc. Prof., Tech., and Managerial Occupations, n.e.c.	50	13	4/1
	CLERICAL AND SALES			
201	Secretaries	1,123	214	5/1
203	Typists	121	40	3/1
205	Personnel Clerks	43	5	9/1
206	File Clerks	486	23	21/1
208	Miscellaneous Office Machine Operators	27	9	3/1
209	Stenography, Typing, Filing and Related Occupations, n.e.c.	2,811	212	13/1
210	Bookkeepers	529	46	11/1
211	Cashiers	774	46	17/1
212	Tellers	122	19	6/1
213	Automatic Data Processing-Equipment Operators	435	102	4/1
214	Billing-Machine Operators	31	2	15/1
215	Bookkeeping Machine Operators	62	4	15/1
216	Computing Machine Operators	47	3	16/1
219	Computing and Account Recording Occupations, n.e.c.	1,773	156	11/1
221	Production Clerks	55	3	18/1
222	Shipping and Receiving Clerks	639	37	17/1
223	Stock Clerks and Related Occupations	611	74	8/1
230	Messengers, Errand Persons and Office Persons	45	10	4/1
231	Mail Clerks	144	6	24/1
233	Mail Carriers	41	39	1/1

Table 15 (Continued-4)

Detailed Composition of Active Job Applicants Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
235	Telephone Operators	220	8	27/1
237	Receptionists and Information Clerks	399	32	12/1
249	Miscellaneous Clerical Occupations, n.e.c.	249	49	5/1
250	Salesmen, Real Estate and Insurance	107	27	4/1
263	Salesmen and Salespersons, Textiles, Textile Products and Apparel	187	8	23/1
274	Salesmen and Salespersons, Housefurnishings	39	7	5/1
276	Salesmen and Salespersons, Industrial, Construction, Mining, & Drilling Equipment and Supplies	59	6	10/1
280	Salesmen and Salespersons, Transportation Equipment	97	3	32/1
289	Salesmen and Salespersons, Commodities, n.e.c.	842	74	11/1
290	Sales Clerks	299	23	13/1
292	Routemen	85	5	17/1
293	Canvassers and Solicitors	57	10	6/1
299	Merchandising Occupations, except Salesmen, n.e.c.	283	55	5/1
	SERVICES			
301	Day Workers	53	--	--
306	Maids, Domestic	250	37	7/1
307	Nursemaids	59	9	6/1
310	Hostesses and Stewards, Food & Beverage Service, Except Ship Steward, Waiters, Waitresses, and Related	57	5	11/1
311	Food Serving Occupations	1,635	182	9/1

Table 15 (Continued-5)
Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
312	Bartenders	251	1	251/1
313	Chefs and Cooks, Large Hotels and Restaurants	379	48	8/1
314	Chefs and Cooks, Small Hotels and Restaurants	200	29	9/1
315	Miscellaneous Cooks, Except Domestic	88	12	7/1
316	Meatcutters, except in Slaughtering and Packing Houses	157	3	52/1
317	Miscellaneous Food and Beverage Preparation Occupations	75	9	8/1
318	Kitchen Workers, n.e.c.	653	86	7/1
319	Food and Beverage Preparation and Service Occupations, n.e.c.	60	3	30/1
321	Housekeepers, Hotels and Institutions	43	2	21/1
323	Maids and Housemen, Hotels, Restaurants, and Related Establishments	180	20	9/1
332	Hairdressers, and Cosmetologists	229	5	46/1
355	Attendants, Hospitals, Morgures, and Related Health Services	1,209	72	17/1
356	Occupations in Animal Care, n.e.c.	45	1	45/1
358	Checkroom, Lockerroom, and Restroom Attendants	53	2	26/1
359	Miscellaneous Personal Services, Occupations, n.e.c.	370	13	28/1
361	Laundering Occupations	73	12	6/1
363	Pressing Occupations	100	24	4/1
369	Apparel and Furnishings Service Occupations, n.e.c.	69	13	5/1
371	Crossing Watchmen and Bridge Tenders	63	--	--
372	Guards and Watchmen, except Crossing Watchmen	399	167	2/1

Table 15 (Continued-6)

Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
375	Policemen and Detectives, Public Service	63	1	63/1
379	Protective Service Occupations, n.e.c.	67	17	4/1
381	Porters and Cleaners	706	98	7/1
382	Janitors	257	36	7/1
	FARMING, FISHING AND FORESTRY			
407	Gardening and Groundskeeping Occupations	297	17	17/1
	PROCESSING			
500	Electroplating Occupations	30	6	5/1
525	Slaughtering, Breaking, Curing, and Related Occupations	56	--	--
526	Cooking and Baking Occupations, n.e.c.	109	7	15/1
529	Processing of Food, Tobacco and Related Products, n.e.c.	56	33	2/1
556	Casting and Molding Occupations, n.e.c.	37	1	37/1
559	Processing of Chemicals, Plastics, Synthetics, Rubber, Paint and Related Products, n.e.c.	33	2	16/1
585	Singeing, Cutting, Shearing, Shaving	35	-	--
589	Processing of Leather, Textiles and Related Products, n.e.c.	101	1	101/1
	MACHINE TRADES			
600	Machinists and Related Occupations	251	97	2/1
604	Turning Occupations	45	14	3/1
605	Milling and Planing Occupations	33	9	3/1
606	Boring Occupations	38	3	12/1
609	Metal Machining Occupations, n.e.c.	213	11	19/1
615	Punching and Shearing Occupations	53	8	6/1

Table 15 (Continued-7)
Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
616	Fabricating Machine Occupations	142	7	20/1
617	Forming Occupations, n.e.c.	33	2	16/1
619	Miscellaneous Metalworking Occupations, n.e.c.	211	37	6/1
620	Motorized Vehicle & Engineering Equipment Mechanics and Repairmen	628	39	16/1
621	Aircraft Mechanics and Repairmen	49	--	--
625	Engine, Power Transmission and Related Mechanics	38	1	38/1
637	Utilities Service Mechanics and Repairmen	61	3	20/1
638	Miscellaneous Occupations in Machine Installations and Repair	130	19	7/1
649	Paperworking Occupations, n.e.c.	36	1	36/1
651	Printing Press Occupations	91	11	8/1
660	Cabinetmakers	36	6	6/1
690	Plastics, Synthetics, Rubber, & Leather Working Occup.	156	34	4/1
699	Misc. Machine Trades Occupations, n.e.c.	48	4	12/1
BENCH WORK				
705	Filing, Grinding, Buffing, Cleaning & Publishing Occupations, n.e.c.	43	2	21/1
706	Metal Unit Assemblers & Adjusters, n.e.c.	292	34	8/1
710	Fabrication & Repair of Instruments for Measuring, Controlling, & Indicating Physical Characteristics	48	25	2/1
714	Fabrication & Repair of Photographic Equipment and Supplies	31	2	15/1
720	Assembly & Repair of Radio & Television Receiving Sets and Phonographs	46	13	3/1

Table 15 (Continued-8)
Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
723	Assembly & Repair of Electrical Appliances and Fixtures	140	7	20/1
726	Assembly & Repair of Electronic Components and Accessories, n.e.c.	516	138	3/1
729	Assembly & Repair of Electrical Equip., n.e.c.	150	26	6/1
739	Fabrication & Repair of Products Made From Assorted Materials, n.e.c.	76	3	25/1
741	Painters, Spray	62	7	9/1
781	Laying Out, Marking, Cutting & Punching Occup.,n.e.c.	85	11	8/1
785	Tailors and Dressmakers	34	7	5/1
786	Sewing Machine Operators, Garment	116	69	2/1
787	Sewing Machine Operators Nongarment	199	40	5/1
788	Fabrication & Repair of Footwear	179	5	36/1
789	Fabrication & Repair of Textile, Leather, and Related Products, n.e.c.	58	4	14/1
	STRUCTURAL WORK			
801	Fitting, Bolting, Screwing & Related Occupations	81	--	
804	Tinsmiths, Coppersmiths & Sheet Metal Workers	133	23	5/1
806	Transportation Equipment Assemblers & Rel. Occup.	140	11	12/1
807	Bodymen, Transportation Equipment	130	49	2/1
809	Misc. Occupations In Metal Fabricating, n.e.c.	37	2	18/1
810	Arc Welders	295	7	42/1
812	Combination Arc Welders & Gas Welders	35	5	7/1
822	Assembly, Installation & Repair of Wire Communications and Signalling Equipment	91	2	45/1

Table 15 (Continued-9)
Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
824	Assembly, Installation & Repair of Lighting Equipment & Building Wiring, n.e.c.	255	15	17/1
827	Assembly, Installation & Repair of Large Househould Appliances & Similar Commercial and Industrial Equipment	61	7	8/1
828	Fabrication, Installation & Repair of Electrical and Electronic Products, n.e.c.	81	6	15/1
829	Assembly, Installation & Repair of Elec. Prod.,n.e.c.	158	6	26/1
840	Construction & Maintenance Painters & Rel. Occup.	338	34	10/1
842	Plasterers and Related Occupations	45	10	4/1
850	Excavating, Grading & Related Occupations	57	4	14/1
859	Excavating, Grading, Paving & Related Occup., n.e.c.	60	2	30/1
860	Carpenters & Related Occupations	766	71	10/1
861	Brick & Stone Masons & Tile Setters	175	41	4/1
862	Plumbers, Gas Fitters, Steam Fitters & Rel. Occup.	478	16	30/1
866	Roofers and Related Occupations	112	4	28/1
869	Miscellaneous Construction, n.e.c.	670	169	4/1
899	Miscellaneous Structural Work, n.e.c.	475	47	10/1
	MISCELLANEOUS WORK			
904	Trailer-Truck Drivers	216	--	--
905	Truck Drivers - Heavy	692	22	31/1
906	Truck Drivers - Light	629	37	17/0
909	Motor Freight, n.e.c.	67	9	7/1

Table 15 (Continued-10)
Detailed Composition of Active Job Applicants
Unfilled Job Openings by Occupational Category
Boston SMSA
August 31, 1977

DOT	Occupations	Total Applicants 1/	Unfilled Job Openings 2/	Ratio of Applicants To Openings
912	Air Transportation	36	--	--
913	Passenger Transportation	341	23	15/1
915	Attendants & Servicemen, Parking Lots and Service Facilities	233	17	13/1
919	Miscellaneous Transportation, n.e.c.	137	5	27/1
920	Packaging	835	56	15/1
921	Hoisting and Conveying	65	3	21/1
922	Moving and Storing Materials, n.e.c.	2,333	76	30/1
929	Packing & Materials Handling, n.e.c.	2,333	91	25/1
951	Firemen and Related Occupations, n.e.c.	33	--	--
970	Artwork, Brush, Spray or Pen	35	3	11/1
979	Graphic Art Work, n.e.c.	47	4	12/1

1/ Source: Table 96 ESARS August 31, 1977

2/ Source: Open Order Job Banks August 31, 1977

V. Unemployment Trends and Characteristics

Unemployment in the Boston SMSA declined during 1977 ending the year with an annual average rate of 7.8 percent representing 104,700 unemployed individuals out of a labor force of 1,338,500. This is a decrease of 1.3 percentage points from the 1976 annual average and is an indication of the improvement of the economy within the SMSA. The rate declined from a high of 9.3 percent in January 1977 to a low of 5.4 percent in December 1977. This decline in the unemployment rate for the Boston SMSA compares favorably with the downward trend experienced both statewide and nationally, although the Boston SMSA rate generally was lower than the statewide rate and higher than the national rate.

The size of the labor force expanded during 1977 growing from 1,325,800 in January to 1,346,700 in December, an increase of 20,900 individuals. A dramatic rise occurred in the number of employed persons over the same time period, employment going from 1,202,400 in January to 1,273,500 in December, up by 71,100, or 5.9 percent.

Table 16

Boston SMSA
1977
Unemployment

	Employment	Unemployment	Labor Force	Unemployment Rate
January	1,202,400	123,400	1,325,800	9.3
February	1,203,000	119,100	1,322,100	9.0
March	1,202,200	104,800	1,307,000	8.0
April	1,209,300	114,400	1,323,700	8.6
May	1,248,100	86,100	1,334,200	6.5
June	1,250,300	104,200	1,354,500	7.7
July	1,247,900	101,000	1,348,900	7.5
August	1,238,100	123,600	1,361,700	9.1
September	1,217,100	124,100	1,341,200	9.3
October	1,255,600	90,100	1,345,700	6.7
November	1,258,700	91,500	1,350,200	6.8
December	1,273,500	73,200	1,346,700	5.4
Annual Average	1,233,800	104,700	1,338,500	7.8

Table 17

BOSTON SMSA UNEMPLOYMENT RATE(LINE) VS MASS(DASH)
AND U.S.(DOT)-SEASONALLY UNADJUSTED-1977 CPS BENCHMARK

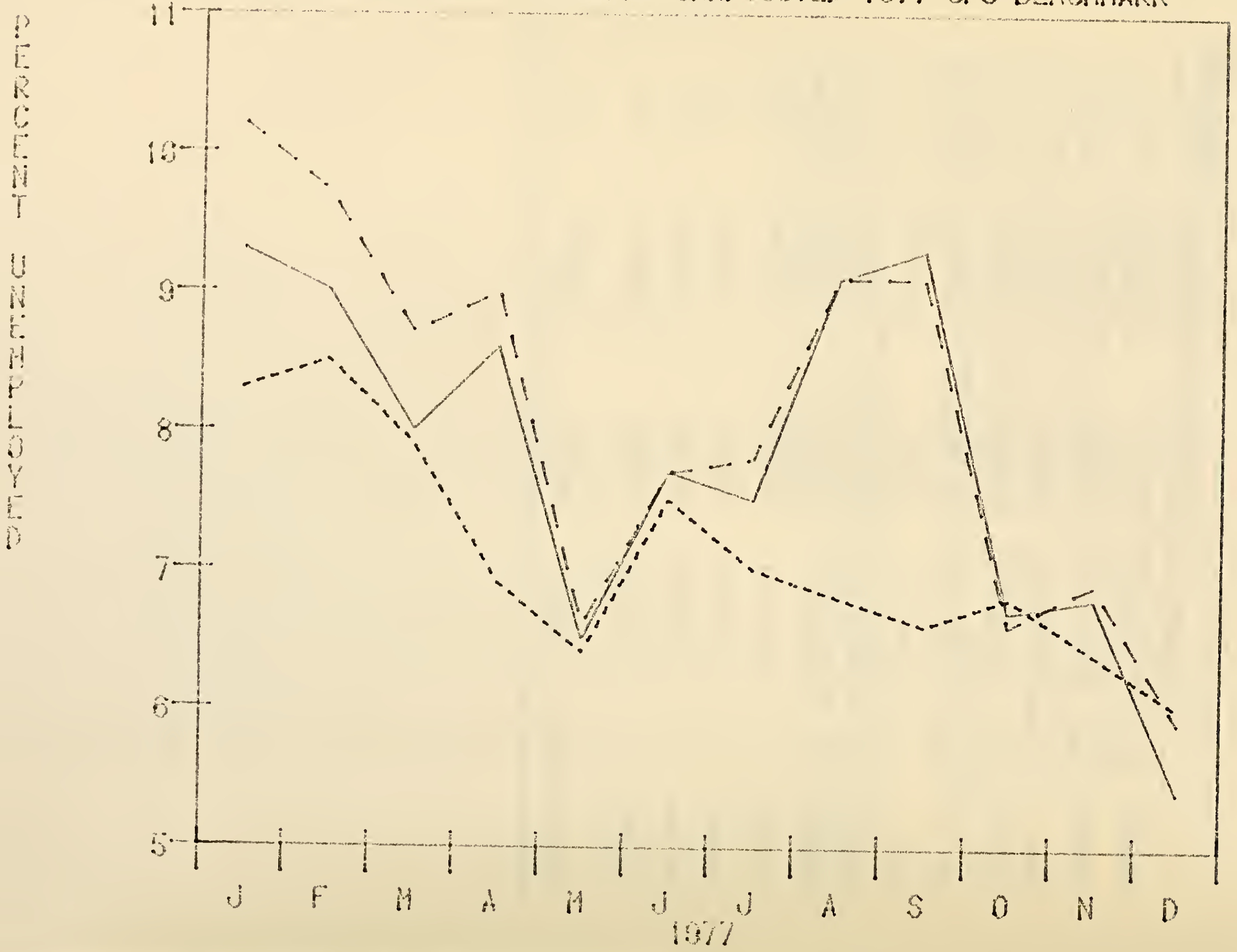


Table 18

Unemployment Rates
For
Boston SMSA-Massachusetts-United States
1970 - 1977

	Boston SMSA	Massachusetts	United States
Period			
1970	4.0	4.6	4.9
1971	5.7	6.6	5.9
1972	6.5	6.4	5.6
1973	6.9	6.7	4.9
1974	7.1	7.2	5.6
1975	10.5	11.2	8.5
1976	9.1	9.5	7.7
1977			
January	9.3	10.2	8.3
February	9.0	9.7	8.5
March	8.0	8.7	7.9
April	8.6	9.0	6.9
May	6.5	6.6	6.4
June	7.7	7.7	7.5
July	7.5	7.8	7.0
August	9.1	9.1	6.8
September	9.3	9.1	6.6
October	6.7	6.6	6.3
November	6.8	6.9	6.4
December	5.4	5.9	6.0
Annual Average	7.8	8.1	7.0
1978			
January	6.9	7.5	7.0
February	6.8	7.1	6.9
March	5.9	6.2	6.6

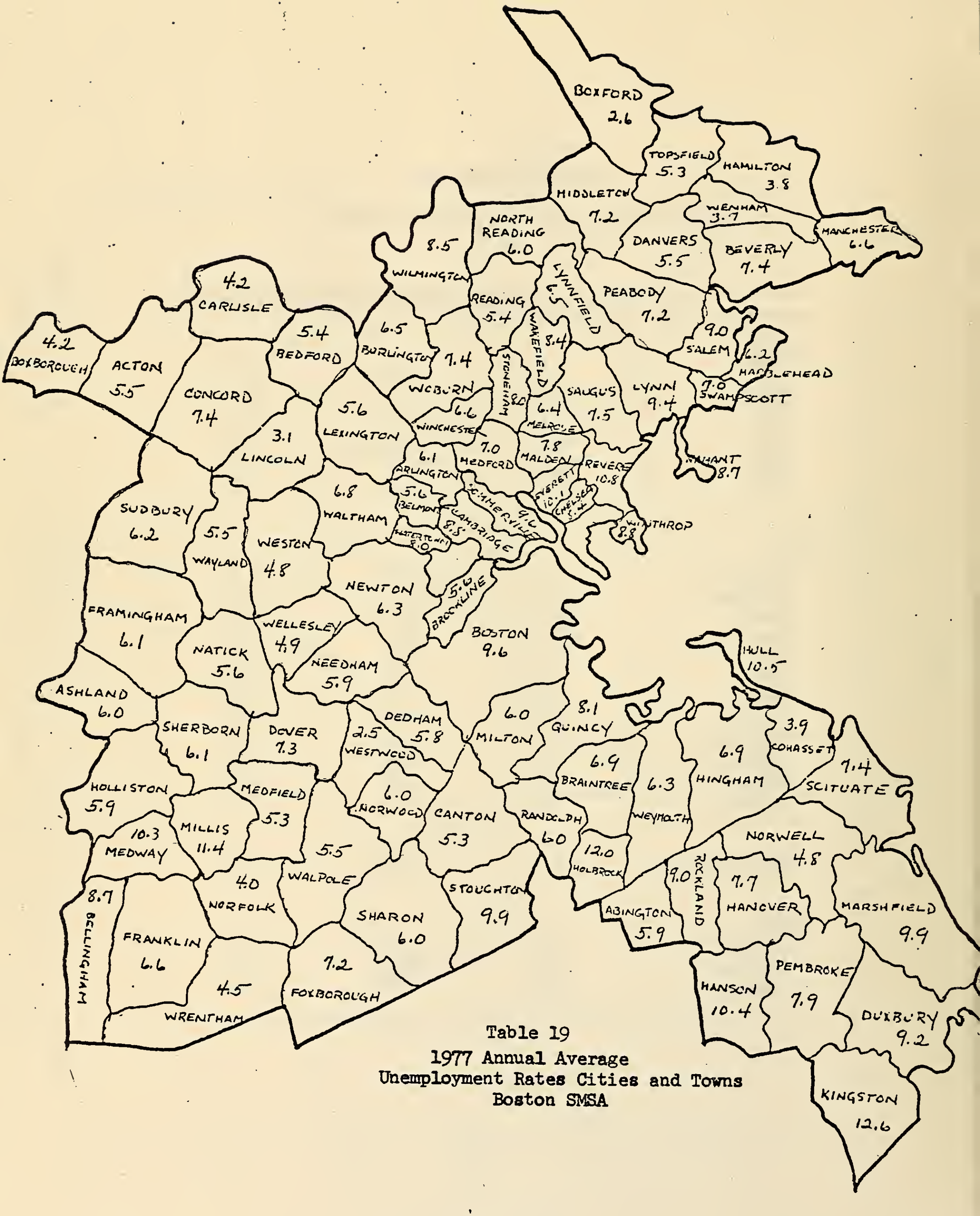


Table 19
1977 Annual Average
Unemployment Rates Cities and Towns
Boston SMSA

Table 20

Unemployment Rates
By
CETA Area
1976-1977

Area	Employed	Unemployed	Labor Force	Rate
1977				
Boston	276,381	29,213	305,594	9.6
Chelsea	39,976	4,270	44,246	9.7
EMHRDA	142,385	12,770	155,155	8.2
Medford	158,795	12,989	171,784	7.6
Newton	148,184	9,368	157,552	5.9
Norwood	71,163	4,864	76,027	6.4
Quincy	126,592	9,860	136,452	7.2
Salem	193,508	16,253	209,761	7.7
1976				
Boston	272,270	34,071	306,341	11.1
Chelsea	39,382	4,981	44,363	11.2
EMHRDA	140,268	14,893	155,161	9.6
Medford	156,434	15,150	171,584	8.8
Newton	145,980	10,926	156,906	7.0
Norwood	69,998	5,640	75,638	7.5
Quincy	124,709	11,500	136,209	8.4
Salem	188,900	18,246	207,146	8.8

An analysis of regular benefit payments for the month of February, 1978 for the Boston SMSA appears in Table 21. Claims in the nonmanufacturing sector account for almost 80 percent of all payments issued or about 4 of every 5 checks, reflecting the continuing trend locally and statewide of a decline in manufacturing jobs coupled with an increase in the nonmanufacturing sector. Within both the manufacturing and nonmanufacturing sector, the contract construction industry led in the number of checks issued (26.6 percent). This may be partially attributable to seasonal factors since February is traditionally one of the slowest months for the building industry but it is also evident that the industry has been extremely slow in its recovery to pre-recessionary levels when compared with the resurgence experienced in other sectors.

Construction was followed by wholesale and retail trade (20.6 percent) and services (14.6 percent).

Within the manufacturing sector, the largest number of checks were issued against the nondurable goods sector (12.6 percent) with one of every three checks issued against apparel (4.2 percent) which includes more women than any other manufacturing segment. The largest block of unemployed in durable goods surfaced in electrical machinery with 2.4 percent of all payments and once again this industry contains a large percentage of women (5.2 percent). The manufacturing sector as a whole accounted for 34.1 percent of all females receiving benefits with most (23.0 percent) employed in the nondurable goods sector , while only 16.2 percent of all men receiving benefits during February, 1978 were within manufacturing industries. Within nonmanufacturing, a larger percentage of benefit payments went to males (83.8 percent) than females (65.9 percent) but both wholesale and retail trade and services recorded a larger percentage of checks to females (26.2 percent and 21.1 percent respectively).

Table 21
Regular Benefit Payments
February 1978
Boston SMSA

Industry	Total Percent of All Claims	Male	Female
TOTAL	100.0	100.0	100.0
Manufacturing	21.5	16.2	34.1
Durables	8.9	8.0	11.1
Furniture & Fixtures	(0.5)	(0.6)	(0.2)
Stone, Clay & Glass	(0.9)	(1.1)	(0.5)
Fabricated Metals	(1.8)	(1.9)	(1.6)
Machinery (exc. elec.)	(1.2)	(1.2)	(1.0)
Electrical Machinery	(2.4)	(1.2)	(5.2)
Transportation Equipment	(0.6)	(0.8)	(0.1)
Instruments & Related Products	(1.1)	(0.7)	(2.1)
Nondurables	12.6	8.2	23.0
Food and Kindred	(1.6)	(1.5)	(1.9)
Textiles	(0.5)	(0.3)	(0.8)
Apparel	(4.2)	(1.3)	(11.0)
Paper	(0.7)	(0.5)	(1.1)
Printing	(2.0)	(1.5)	(3.1)
Chemicals	(0.4)	(0.4)	(0.4)
Rubber	(1.1)	(1.2)	(1.3)
Leather & Leather Products	(1.0)	(0.7)	(1.8)
Miscellaneous Manufacturing	(0.8)	(0.5)	(1.6)
Nonmanufacturing	78.5	83.8	65.9
Miscellaneous	(2.6)	(3.5)	(0.4)
Construction	(26.6)	(36.3)	(2.1)
Transportation, Communications and Utilities	(4.6)	(5.1)	(3.5)
Wholesale & Retail Trade	(20.6)	(18.2)	(26.2)
Finance, Insurance and Real Estate	(3.8)	(2.8)	(6.1)
Services	(14.6)	(12.0)	(21.1)
NEC Unclassified	(6.0)	(5.8)	(6.3)
State Government	(0.1)	(0.1)	(0.2)

Note: Totals may vary due to rounding.

Tables 22 and 23 contain information on claims activities in the Boston SMSA for 1977 and the first quarter of 1978. Data is provided both for initial claims and for continued weeks claimed for the survey week of each month. In reviewing the figures certain trends come to light. Both for initial claims and continued weeks claimed the seasonality of unemployment is visible. High levels occurring during the winter months are generally due to cutbacks in certain industries which are especially sensitive to weather conditions, such as contract construction. Seasonal increases are also apparent during the summer months, most particularly July, due to vacation shutdowns of many manufacturing establishments. Despite these seasonal increases in unemployment activities, a gradual downward trend is reflected in these over the year figures. In comparing January 1977 and January 1978, both for initial claims and for continued weeks claims, a marked decrease can be seen. This decrease however was not carried through to February 1978, however this is attributable to the severe weather conditions that occurred during that month causing the shutdwon of many of the employing establishments in the SMSA.

It should be remembered that claimants are only part of the total unemployment picture and there are unemployed individuals who are not included in claimant activity data. However in general, trends in unemployment are reflected in claims data and this can be a useful in tool in analyzing labor market conditions.

BOSTON SMSA REGULAR PROGRAM

INITIAL CLAIMS

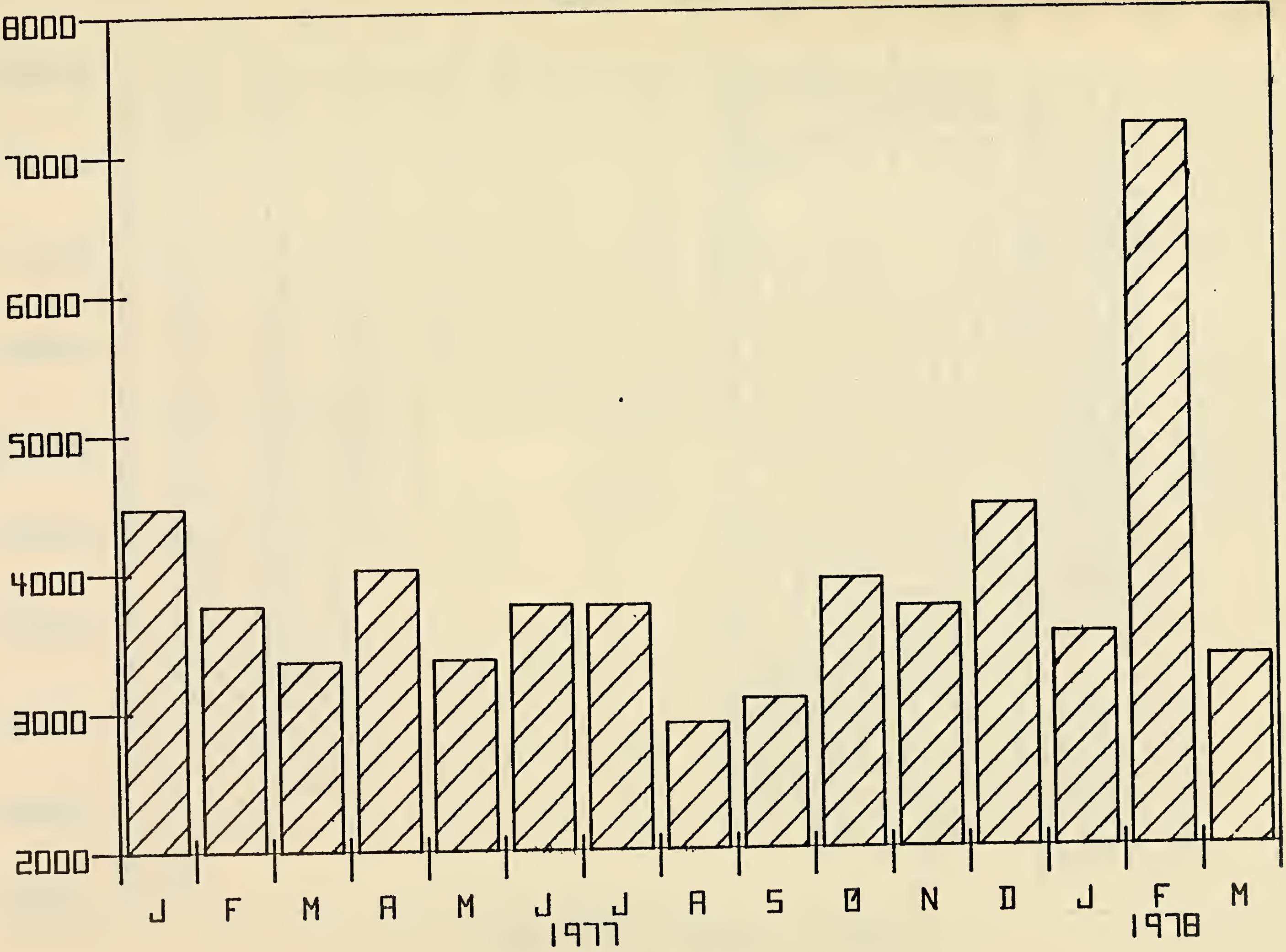
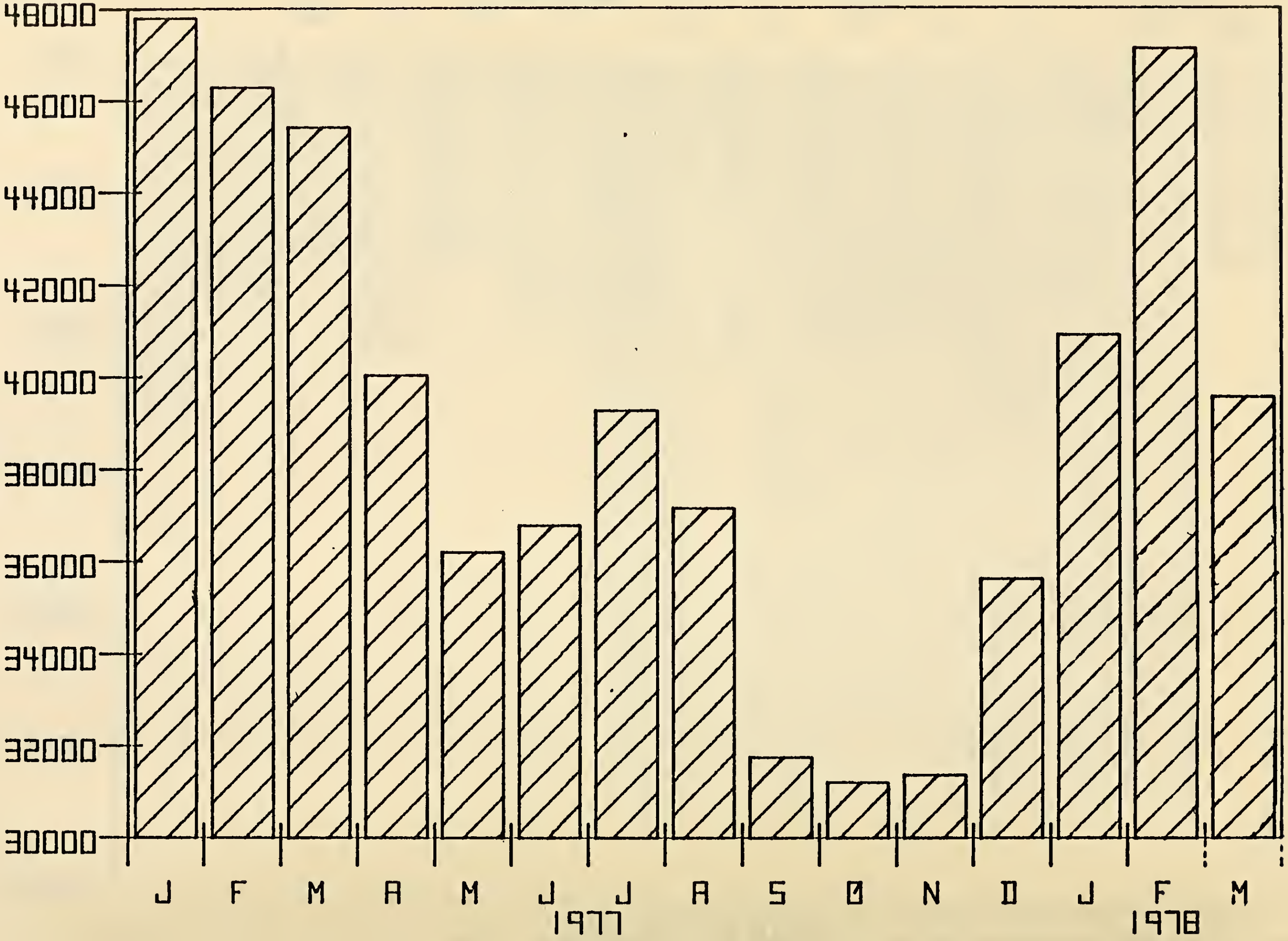


Table 23

BOSTON SMSA REGULAR PROGRAM
CONTINUED WEEKS CLAIMED



Tables 24 through 33 contain information on selected characteristics of the insured unemployed for the Boston SMSA and for the CETA areas located within the SMSA. This information was obtained from a sample survey of the active file of claimants filing for a particular week of unemployment compensation benefits under state and federal laws and programs.

Table 24 compares the characteristics of the insured unemployed for the regular program in the Boston SMSA during September-October 1977 with those for December 1977-January 1978. During the December-January period there were 9,340 more claimants in the Boston SMSA than there were during September-October. Much of this increase of 33.9 percent can be attributed to seasonal factors, which is borne out by reviewing both the occupations and the industry attachments of the unemployed. During the fall months 3,542 or 12.9 percent of all regular program claimants were in the structural work occupations. During the winter months this figure increased to 8,506 or 23.2 percent. Industry attachment data reveals the same trend with the contract construction industry going from 2,715 or 9.8 percent in the fall to 7,523 or 20.4 percent of all regular program claimants during the winter months.

Table 24

Selected Characteristics of The Insured Unemployed Boston SMSA October 1977-January 1978

	Sept. 1977-Oct. 1977		Dec. 1977-Jan. 1978	
	Number	Percent	Number	Percent
TOTAL	27,546	100.0	36,886	100.0
Age				
Under 25	5,286	19.2	7,846	21.3
25 - 34	7,394	26.8	9,834	26.7
35 - 44	4,174	15.2	5,785	15.7
45 - 54	4,073	14.8	5,904	16.0
55 - 64	3,664	13.3	4,615	12.4
65+	2,862	10.4	2,793	7.6
INA	93	0.3	110	0.3
Sex				
Male	16,701	60.6	25,199	68.3
Female	10,844	39.4	11,687	31.7
INA	1	--	--	--
Ethnic Group				
White	24,507	89.0	33,481	90.8
Nonwhite	2,252	8.2	2,831	7.7
INA	787	2.8	574	1.5
Occupation				
Prof., Tech. and Manag.	5,496	19.9	5,767	15.6
Clerical Sales	7,013	25.5	6,801	18.4
Services	3,437	12.5	3,485	9.4
Farm., Fish. Forestry	191	0.7	980	2.7
Processing	388	1.4	617	1.7
Machine Trades	1,604	5.8	2,112	5.7
Benchwork	1,960	7.1	2,878	7.8
Structural	3,542	12.9	8,506	23.2
Miscellaneous	3,908	14.2	5,656	15.3
INA	7	--	83	0.2

Table 24

Selected Characteristics of The Insured Unemployed
Boston SMSA
October 1977-January 1978
(continued)

	Sept. 1977-Oct. 1977		Dec. 1977-Jan. 1978	
	Number	Percent	Number	Percent
Recent Duration				
0 - 9 weeks	12,800	46.5	21,358	57.9
10 -19 weeks	8,908	32.3	10,042	27.3
20 -29 weeks	4,870	17.7	4,776	12.9
30+ weeks	640	2.3	348	0.9
INA	328	1.2	362	1.0
Industry Attachment				
Manufacturing	6,388	23.2	8,981	24.3
Contract Construction	2,715	9.8	7,523	20.4
Transp./Util.	1,493	5.4	1,800	4.9
Whse./Ret. Tr.	7,566	27.5	8,095	21.9
Finance, Ins. Real Estate	1,297	4.6	1,389	3.8
Services	5,818	21.1	6,224	16.9
Government	1,743	6.3	1,656	4.5
Other	161	0.6	959	2.6
INA	421	1.5	259	0.7

COMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 25

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
BOSTON CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PROGRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	10480	100.0	8212	1306	5	957
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	2108	20.1	1707	227	-	174
25 - 34	3114	29.7	2372	354	-	387
35 - 44	1699	16.2	1304	255	5	136
45 - 54	1485	14.2	1199	159	-	127
55 - 64	1221	11.7	939	184	-	99
65 & OVER	794	7.6	639	120	-	35
I.N.A.	59	.6	53	7	-	-
SEX						
MEN	6850	65.4	5475	847	-	529
WOMEN	3630	34.6	2738	459	5	428
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	7200	68.7	5614	943	5	638
NON-WHITE	3175	30.3	2537	356	-	281
I.N.A.	106	1.0	62	7	-	38
SPANISH SURNAME	473	4.5	388	49	-	36
OCCUPATION						
PROF.,TECH.,MGT	1735	16.6	1192	163	5	376
CLERICAL/SALES	1919	18.3	1545	222	-	153
SERVICES	1580	15.1	1068	203	-	308
FARM,FISH,FOR.	105	1.0	88	10	-	7
PROCESSING	196	1.9	148	42	-	7
MACHINE TRADES	492	4.7	423	70	-	-
BENCH WORK	958	9.1	823	135	-	-
STRUCTURAL	1799	17.2	1529	255	-	15
MISC. WORK	1690	16.1	1390	207	-	93
I.N.A.	6	.1	6	-	-	-
RECENT DURATION						
0-9 WEEKS	4669	44.6	4346	123	-	200
10-19 WEEKS	2595	24.8	2151	156	-	289
20-29 WEEKS	2154	20.6	1484	284	-	386
30 + WEEKS	959	9.2	128	743	5	

Table 25 (continued)

CONTINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	2551	24.3	2201	345	-	5
CON. CONSTRUCT	1342	12.8	1184	158	-	-
TRAN./UTIL.	528	5.0	466	52	-	10
WHOL/RET.TRADE	2097	20.0	1756	337	-	5
FIN/INS/R.E.	469	4.5	379	90	-	-
SERVICES	1978	18.9	1642	239	5	93
GOVERNMENTS	1354	12.9	448	75	-	831
OTHERS	97	.9	97	-	-	-
I.N.A.	65	.6	41	10	-	15
AVE. WEEKLY WAGE						
UNDER $100	2070	19.8	1627	274	-	169
$100 - $149	2726	26.0	2014	362	-	351
$150 - $199	2282	21.8	1843	242	5	192
$200 - $249	1404	13.4	1100	205	-	99
$250 - $299	900	8.6	763	109	-	28
$300 OR MORE	1062	10.1	830	114	-	119
I.N.A.	36	.3	36	-	-	-
SEPARATION REASON						
LAYOFF	9583	91.4	7505	1169	5	904
QUIT VOL. RET.	17	.2	8	5	-	5
QUIT PREGNANCY	5	-	5	-	-	-
QUIT OTHER	97	.9	65	12	-	20
DISCHARGES	531	5.1	423	79	-	29
LABOR DISPUTE	30	.3	30	-	-	-
OTHER/INA	216	2.1	176	40	-	-

COMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 26

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED CAMBRIDGE CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PROGRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	4687	100.0	3873	495	-	319
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	788	16.8	682	76	-	30
25 - 34	1539	32.8	1261	126	-	152
35 - 44	637	13.6	502	74	-	60
45 - 54	764	16.3	669	76	-	19
55 - 64	434	9.3	360	54	-	20
65 & OVER	515	11.0	387	90	-	38
I.N.A.	11	.2	11	-	-	-
SEX						
MEN	2790	59.5	2340	276	-	174
WOMEN	1898	40.5	1534	219	-	145
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	4464	95.2	3688	480	-	295
NON-WHITE	109	2.3	77	8	-	24
I.N.A.	114	2.4	108	7	-	-
SPANISH SURNAME	22	.5	22	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	978	20.9	697	107	-	174
CLERICAL/SALES	770	16.4	592	145	-	33
SERVICES	531	11.3	431	55	-	44
FARM,FISH,FOR.	83	1.8	80	-	-	3
PROCESSING	49	1.0	49	-	-	-
MACHINE TRADES	233	5.0	200	33	-	-
BENCH WORK	480	10.2	441	39	-	-
STRUCTURAL	900	19.2	775	76	-	49
MISC. WORK	664	14.2	608	40	-	16
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	2274	48.5	2166	19	-	88
10-19 WEEKS	1224	26.1	1117	57	-	50
20-29 WEEKS	633	13.5	471	69	-	93
30 + WEEKS	500	10.7	63	350	-	87

Table 26 (continued)

INUED -1

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
USTRY ATTACH.						
ANUFACTURING	1018	21.7	957	60	-	-
ON. CONSTRUCT	777	16.6	703	74	-	-
RAN./UTIL.	183	3.9	180	3	-	-
HOL/RET.TRADE	1006	21.5	816	190	-	-
IN/INS/R.E.	145	3.1	111	33	-	-
ERVICES	1003	21.4	829	120	-	54
OVERNMENTS	460	9.8	197	6	-	257
THERS	80	1.7	72	8	-	-
.N.A.	16	.3	8	-	-	8
. WEEKLY WAGE						
NDER $100	908	19.4	723	120	-	65
100 - $149	1011	21.6	856	91	-	64
150 - $199	929	19.8	725	126	-	78
200 - $249	733	15.6	631	58	-	44
250 - $299	493	10.5	422	40	-	32
300 OR MORE	598	12.8	501	60	-	36
.N.A.	16	.3	16	-	-	-
ARATION REASON						
AYOFF	4260	90.9	3546	421	-	293
UIT VOL. RET.	-	-	-	-	-	-
UIT PREGNANCY	-	-	-	-	-	-
UIT OTHER	107	2.3	79	22	-	7
ISCHARGES	202	4.3	131	52	-	19
ABOR DISPUTE	8	.2	8	-	-	-
THER/INA	110	2.3	110	-	-	-

Table 27

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
CHELSEA CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PRO-GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	1418	100.0	1242	174	-	3
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	231	16.3	211	20	-	-
25 - 34	307	21.7	279	28	-	-
35 - 44	234	16.5	200	34	-	-
45 - 54	233	16.4	203	28	-	3
55 - 64	236	16.6	197	39	-	-
65 & OVER	175	12.3	149	25	-	-
I.N.A.	3	.2	3	-	-	-
SEX						
MEN	991	69.9	885	104	-	3
WOMEN	427	30.1	357	70	-	-
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	1357	95.7	1186	168	-	3
NON-WHITE	30	2.1	27	3	-	-
I.N.A.	31	2.2	28	3	-	-
SPANISH SURNAME	28	2.0	25	3	-	-
OCCUPATION						
PROF.,TECH.,MGT	169	11.9	149	20	-	-
CLERICAL/SALES	337	23.8	289	48	-	-
SERVICES	171	12.1	148	20	-	3
FARM,FISH,FOR.	8	.6	8	-	-	-
PROCESSING	22	1.6	20	3	-	-
MACHINE TRADES	78	5.5	70	8	-	-
BENCH WORK	105	7.4	77	28	-	-
STRUCTURAL	301	21.2	273	28	-	-
MISC. WORK	227	16.0	207	20	-	-
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	669	47.2	664	6	-	-
10-19 WEEKS	374	26.4	352	22	-	-
20-29 WEEKS	237	16.7	187	48	-	3
30 + WEEKS	104	7.3	8	95	-	-

Table 27 (continued)

TINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO- GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
USTRY ATTACH.						
ANUFACTURING	327	23.1	271	56	-	-
ON. CONSTRUCT	252	17.8	232	20	-	-
RAN./UTIL.	65	4.6	51	14	-	-
HOL/RET.TRADE	394	27.8	346	48	-	-
IN/INS/R.E.	64	4.5	50	14	-	-
ERVICES	262	18.5	240	20	-	3
OVERNMENTS	14	1.0	11	3	-	-
THERS	22	1.6	22	-	-	-
.N.A.	17	1.2	17	-	-	-
. WEEKLY WAGE						
NDER $100	254	17.9	212	42	-	-
100 - $149	316	22.3	274	42	-	-
150 - $199	308	21.7	263	42	-	3
200 - $249	209	14.7	181	28	-	-
250 - $299	137	9.7	126	11	-	-
300 OR MORE	191	13.5	182	8	-	-
.N.A.	3	.2	3	-	-	-
ARATION REASON						
AYOFF	1309	92.3	1146	160	-	3
UIT VOL. RET.	3	.2	3	-	-	-
UIT PREGNANCY	-	-	-	-	-	-
UIT OTHER	17	1.2	17	-	-	-
ISCHARGES	90	6.3	76	14	-	-
ABOR DISPUTE	-	-	-	-	-	-
THER/INA	-	-	-	-	-	-

COMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 28

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
LYNN CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PROGRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	1302	100.0	1145	8	-	148
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	379	29.1	346	-	-	33
25 - 34	362	27.8	329	-	-	33
35 - 44	148	11.4	99	8	-	41
45 - 54	140	10.8	132	-	-	8
55 - 64	140	10.8	132	-	-	8
65 & OVER	132	10.1	107	-	-	25
I.N.A.	-	-	-	-	-	-
SEX						
MEN	948	72.8	841	8	-	99
WOMEN	354	27.2	305	-	-	49
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	1211	93.0	1080	8	-	124
NON-WHITE	58	4.5	33	-	-	25
I.N.A.	33	2.5	33	-	-	-
SPANISH SURNAME	-	-	-	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	149	11.4	99	-	-	49
CLERICAL/SALES	206	15.8	206	-	-	-
SERVICES	181	13.9	107	8	-	66
FARM,FISH,FOR.	58	4.5	58	-	-	-
PROCESSING	66	5.1	58	-	-	8
MACHINE TRADES	91	7.0	91	-	-	-
BENCH WORK	107	8.2	107	-	-	-
STRUCTURAL	338	26.0	313	-	-	25
MISC. WORK	98	7.5	98	-	-	-
I.N.A.	8	.6	8	-	-	-
RECENT DURATION						
0-9 WEEKS	717	55.1	684	-	-	33
10-19 WEEKS	437	33.6	371	-	-	66
20-29 WEEKS	115	8.8	82	-	-	33
30 + WEEKS	33	2.5	8	8	-	16

Table 28 (continued)

NTINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
IDUSTRY ATTACH.						
MANUFACTURING	272	20.9	272	-	-	-
CON. CONSTRUCT	230	17.7	230	-	-	-
TRAN./UTIL.	49	3.8	49	-	-	-
WHOL/RET.TRADE	247	19.0	247	-	-	-
FIN/INS/R.E.	25	1.9	25	-	-	-
SERVICES	207	15.9	165	-	-	41
GOVERNMENTS	181	13.9	66	8	-	107
OTHERS	66	5.1	66	-	-	-
I.N.A.	25	1.9	25	-	-	-
VE. WEEKLY WAGE						
UNDER $100	280	21.5	239	-	-	41
$100 - $149	231	17.7	222	-	-	8
$150 - $199	355	27.3	280	8	-	66
$200 - $249	272	20.9	247	-	-	25
$250 - $299	82	6.3	82	-	-	-
$300 OR MORE	66	5.1	58	-	-	8
I.N.A.	16	1.2	16	-	-	-
EPARATION REASON						
LAYOFF	1154	88.6	1014	8	-	132
QUIT VOL. RET.	-	-	-	-	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	25	1.9	16	-	-	8
DISCHARGES	91	7.0	82	-	-	8
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	33	2.5	33	-	-	-

COMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 29

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
MEDFORD CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PRO-GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	7311	100.0	6029	752	-	530
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	1542	21.1	1315	122	-	106
25 - 34	1712	23.4	1447	152	-	114
35 - 44	1189	16.3	961	114	-	114
45 - 54	1177	16.1	996	91	-	91
55 - 64	1091	14.9	879	160	-	53
65 & OVER	592	8.1	432	114	-	46
I.N.A.	8	.1	-	-	-	8
SEX						
MEN	4998	68.4	4239	380	-	379
WOMEN	2313	31.6	1790	372	-	151
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	7045	96.4	5846	707	-	492
NON-WHITE	30	.4	15	-	-	15
I.N.A.	236	3.2	167	46	-	23
SPANISH SURNAME	-	-	-	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	1054	14.4	819	129	-	106
CLERICAL/SALES	1279	17.5	983	197	-	98
SERVICES	705	9.6	462	152	-	91
FARM,FISH,FOR.	162	2.2	154	-	-	8
PROCESSING	136	1.9	136	-	-	-
MACHINE TRADES	442	6.0	389	38	-	15
BENCH WORK	508	6.9	424	84	-	-
STRUCTURAL	1626	22.2	1467	99	-	60
MISC. WORK	1383	18.9	1179	53	-	151
I.N.A.	15	.2	15	-	-	-
RECENT DURATION						
0-9 WEEKS	3614	49.4	3387	53	-	174
10-19 WEEKS	2127	29.1	1854	91	-	182
20-29 WEEKS	939	12.8	704	91	-	144
30 + WEEKS	570	7.8	23	517	-	30

Table 29 (continued)

TINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
USTRY ATTACH.						
ANUFACTURING	1735	23.7	1568	167	-	-
ON. CONSTRUCT	1482	20.3	1368	114	-	-
RAN./UTIL.	280	3.8	265	-	-	15
HOL/RET.TRADE	1630	22.3	1356	274	-	-
IN/INS/R.E.	184	2.5	161	23	-	-
ERVICES	1060	14.5	870	152	-	38
OVERNMENTS	764	10.5	264	23	-	477
THERS	169	2.3	169	-	-	-
I.N.A.	8	.1	8	-	-	-
E. WEEKLY WAGE						
UNDER $100	1193	16.3	943	182	-	68
$100 - $149	1387	19.0	1098	167	-	121
$150 - $199	1767	24.2	1320	175	-	272
$200 - $249	1141	15.6	996	107	-	38
$250 - $299	734	10.0	658	61	-	15
$300 OR MORE	1067	14.6	991	61	-	15
I.N.A.	23	.3	23	-	-	-
PARATION REASON						
LAYOFF	6705	91.7	5514	684	-	507
QUIT VOL. RET.	23	.3	23	-	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	76	1.0	76	-	-	-
DISCHARGES	372	5.1	296	53	-	23
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	136	1.9	120	15	-	-

Table 30

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
NEWTON CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PRO-GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	3284	100.0	2628	392	-	265
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	536	16.3	448	50	-	39
25 - 34	903	27.5	716	100	-	88
35 - 44	473	14.4	374	62	-	37
45 - 54	553	16.8	446	53	-	54
55 - 64	461	14.0	369	64	-	28
65 & OVER	352	10.7	270	63	-	18
I.N.A.	6	.2	6	-	-	-
SEX						
MEN	2014	61.3	1658	215	-	140
WOMEN	1271	38.7	970	177	-	124
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	3202	97.5	2562	375	-	265
NON-WHITE	71	2.2	55	16	-	-
I.N.A.	11	.3	11	-	-	-
SPANISH SURNAME	19	.6	12	7	-	-
OCCUPATION						
PROF.,TECH.,MGT	999	30.4	733	96	-	170
CLERICAL/SALES	780	23.8	609	132	-	40
SERVICES	231	7.0	184	25	-	22
FARM,FISH,FOR.	157	4.8	148	3	-	6
PROCESSING	31	.9	28	3	-	-
MACHINE TRADES	156	4.8	141	12	-	3
BENCH WORK	190	5.8	150	31	-	8
STRUCTURAL	523	15.9	455	55	-	13
MISC. WORK	215	6.5	178	34	-	3
I.N.A.	3	.1	3	-	-	-
RECENT DURATION						
0-9 WEEKS	1617	49.2	1536	43	-	37
10-19 WEEKS	795	24.2	670	34	-	90
20-29 WEEKS	583	17.8	395	82	-	106
30 + WEEKS	280	8.5	20	232	-	28

INUED -1

Table 30 (continued)

	ALL PROGRAMS		REGULAR PRO-GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
JSTRY ATTACH.						
NUFACTURING	577	17.6	484	90	-	3
N. CONSTRUCT	478	14.6	429	49	-	-
AN./UTIL.	127	3.9	105	22	-	-
OL/RET.TRADE	738	22.5	635	103	-	-
N/INS/R.E.	150	4.6	122	29	-	-
RVICES	702	21.4	622	71	-	9
VERNMENTS	344	10.5	79	16	-	249
HERS	157	4.8	148	6	-	3
.N.A.	11	.3	5	7	-	-
. WEEKLY WAGE						
NDER $100	430	13.1	341	61	-	28
100 - $149	683	20.8	552	91	-	41
150 - $199	730	22.2	577	75	-	78
200 - $249	553	16.8	424	73	-	56
250 - $299	297	9.0	251	28	-	18
300 OR MORE	583	17.8	475	64	-	43
.N.A.	9	.3	9	-	-	-
ARATION REASON						
AYOFF	2982	90.8	2392	337	-	252
UIT VOL. RET.	6	.2	6	-	-	-
UIT PREGNANCY	-	-	-	-	-	-
UIT OTHER	37	1.1	28	3	-	6
ISCHARGES	206	6.3	162	38	-	6
ABOR DISPUTE	-	-	-	-	-	-
THER/INA	53	1.6	40	13	-	-

Table 31

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
NORWOOD CETA

DEC.'77-JAN.'78

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
TOTAL	2743	100.0	2196	406	-	141
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	521	19.0	419	79	-	23
25 - 34	603	22.0	496	77	-	29
35 - 44	595	21.7	482	73	-	40
45 - 54	429	15.6	334	58	-	37
55 - 64	363	13.2	300	51	-	12
65 & OVER	219	8.0	151	68	-	-
I.N.A.	13	.5	13	-	-	-
SEX						
MEN	1852	67.5	1555	235	-	62
WOMEN	891	32.5	641	171	-	79
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	2738	99.8	2196	402	-	141
NON-WHITE	5	.2	-	5	-	-
I.N.A.	-	-	-	-	-	-
SPANISH SURNAME	-	-	-	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	445	16.2	339	45	-	62
CLERICAL/SALES	650	23.7	469	143	-	37
SERVICES	203	7.4	150	39	-	14
FARM,FISH,FOR.	73	2.7	62	5	-	7
PROCESSING	16	.6	7	10	-	-
MACHINE TRADES	169	6.2	139	29	-	-
BENCH WORK	97	3.5	75	23	-	-
STRUCTURAL	728	26.5	654	71	-	3
MISC. WORK	362	13.2	302	42	-	18
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	1562	56.9	1442	36	-	84
10-19 WEEKS	553	20.2	481	37	-	36
20-29 WEEKS	350	12.8	243	94	-	13
30 + WEEKS	278	10.1	29	240	-	8

OMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 31 (continued)

ONTINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PROGRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
NDUSTRY ATTACH.						
MANUFACTURING	532	19.4	469	64	-	-
CON. CONSTRUCT	641	23.4	588	53	-	-
TRAN./UTIL.	134	4.9	110	24	-	-
WHOL/RET.TRADE	636	23.2	469	167	-	-
FIN/INS/R.E.	116	4.2	102	14	-	-
SERVICES	358	13.1	287	66	-	5
GOVERNMENTS	230	8.4	89	14	-	127
OTHERS	63	2.3	63	-	-	-
I.N.A.	33	1.2	19	5	-	9
AVE. WEEKLY WAGE						
UNDER $100	445	16.2	299	91	-	56
$100 - $149	490	17.9	371	87	-	33
$150 - $199	508	18.5	424	62	-	23
$200 - $249	421	15.3	330	77	-	13
$250 - $299	265	9.7	243	18	-	5
$300 OR MORE	590	21.5	506	72	-	12
I.N.A.	24	.9	24	-	-	-
SEPARATION REASON						
LAYOFF	2547	92.9	2053	361	-	133
QUIT VOL. RET.	3	.1	-	3	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	46	1.7	28	13	-	5
DISCHARGES	120	4.4	88	29	-	3
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	27	1.0	27	-	-	-

COMMONWEALTH OF MASSACHUSETTS DIVISION OF EMPLOYMENT SECURITY

Table 32

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
QUINCY CETA

DEC.'77-JAN.'78

	ALL PROGRAMS		REGULAR PROGRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	2498	100.0	2239	87	-	172
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	552	22.1	517	19	-	16
25 - 34	599	24.0	536	21	-	43
35 - 44	371	14.9	332	-	-	39
45 - 54	417	16.7	369	19	-	29
55 - 64	367	14.7	316	19	-	32
65 & OVER	183	7.3	160	10	-	14
I.N.A.	9	.4	9	-	-	-
SEX						
MEN	1839	73.6	1701	52	-	86
WOMEN	659	26.4	538	35	-	86
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	2493	99.8	2239	82	-	172
NON-WHITE	5	.2	-	5	-	-
I.N.A.	-	-	-	-	-	-
SPANISH SURNAME	-	-	-	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	395	15.8	311	11	-	72
CLERICAL/SALES	452	18.1	404	19	-	29
SERVICES	244	9.8	188	19	-	37
FARM,FISH,FOR.	38	1.5	35	-	-	4
PROCESSING	20	.8	20	-	-	-
MACHINE TRADES	81	3.2	63	9	-	10
BENCH WORK	132	5.3	128	-	-	4
STRUCTURAL	773	30.9	750	19	-	4
MISC. WORK	362	14.5	341	9	-	12
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	1282	51.3	1239	10	-	34
10-19 WEEKS	662	26.5	618	-	-	44
20-29 WEEKS	432	17.3	363	28	-	41
30 + WEEKS	121	4.8	18	49	-	54

Table 32 (continued)

NTINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
DUSTRY ATTACH.						
MANUFACTURING	404	16.2	404	-	-	-
CON. CONSTRUCT	654	26.2	644	10	-	-
TRAN./UTIL.	138	5.5	138	-	-	-
WHOL/RET.TRADE	539	21.6	504	35	-	-
FIN/INS/R.E.	65	2.6	55	10	-	-
SERVICES	317	12.7	285	28	-	4
GOVERNMENTS	248	9.9	117	-	-	130
OTHERS	37	1.5	37	-	-	-
I.N.A.	97	3.9	54	5	-	38
/E. WEEKLY WAGE						
UNDER $100	346	13.9	327	19	-	-
$100 - $149	581	23.3	463	28	-	90
$150 - $199	447	17.9	403	16	-	27
$200 - $249	349	14.0	328	10	-	12
$250 - $299	268	10.7	237	-	-	31
$300 OR MORE	488	19.5	461	14	-	12
I.N.A.	18	.7	18	-	-	-
EPARATION REASON						
LAYOFF	2398	96.0	2143	87	-	168
QUIT VOL. RET.	4	.2	4	-	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	8	.3	8	-	-	-
DISCHARGES	78	3.1	74	-	-	4
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	10	.4	10	-	-	-

Table 33

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
SALEM CETA

DEC.'77-JAN.'78

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PRO-GRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
TOTAL	6861	100.0	6307	195	-	359
AGE						
UNDER 20	-	-	-	-	-	-
UNDER 25	1682	24.5	1567	59	-	56
25 - 34	1654	24.1	1505	49	-	99
35 - 44	1127	16.4	1056	21	-	49
45 - 54	1125	16.4	1009	24	-	92
55 - 64	872	12.7	809	18	-	45
65 & OVER	391	5.7	351	24	-	17
I.N.A.	10	.1	10	-	-	-
SEX						
MEN	4584	66.8	4297	101	-	185
WOMEN	2278	33.2	2010	94	-	174
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	6652	97.0	6140	187	-	325
NON-WHITE	17	.2	17	-	-	-
I.N.A.	192	2.8	150	8	-	34
SPANISH SURNAME	11	.2	11	-	-	-
OCCUPATION						
PROF.,TECH.,MGT	911	13.3	734	27	-	151
CLERICAL/SALES	1048	15.3	918	48	-	81
SERVICES	729	10.6	630	20	-	78
FARM,FISH,FOR.	693	10.1	664	15	-	13
PROCESSING	175	2.6	161	13	-	-
MACHINE TRADES	369	5.4	369	-	-	-
BENCH WORK	411	6.0	396	15	-	-
STRUCTURAL	1282	18.7	1229	33	-	19
MISC. WORK	1193	17.4	1153	24	-	16
I.N.A.	51	.7	51	-	-	-
RECENT DURATION						
0-9 WEEKS	4555	66.4	4438	30	-	86
10-19 WEEKS	1506	22.0	1382	41	-	83
20-29 WEEKS	518	7.5	388	39	-	90
30 + WEEKS	181	2.6	6	85	-	90

Table 33 (continued)

ONTINUED -1

	ALL PROGRAMS NUMBER	ALL PROGRAMS PERCENT	REGULAR PROGRAMS NUMBER	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
NDUSTRY ATTACH.						
MANUFACTURING	1653	24.1	1597	55	-	-
CON. CONSTRUCT	1207	17.6	1177	30	-	-
TRAN./UTIL.	289	4.2	276	12	-	-
WHOL/RET.TRADE	1465	21.4	1411	54	-	-
FIN/INS/R.E.	200	2.9	197	2	-	-
SERVICES	914	13.3	837	28	-	49
GOVERNMENTS	456	6.6	154	6	-	297
OTHERS	589	8.6	573	7	-	8
I.N.A.	89	1.3	84	-	-	4
AVE. WEEKLY WAGE						
UNDER $100	1472	21.5	1284	71	-	116
$100 - $149	1303	19.0	1204	33	-	66
$150 - $199	1140	16.6	1029	28	-	83
$200 - $249	976	14.2	911	31	-	34
$250 - $299	525	7.7	508	5	-	12
$300 OR MORE	1168	17.0	1113	27	-	27
I.N.A.	277	4.0	257	-	-	20
SEPARATION REASON						
LAYOFF	6458	94.1	5942	176	-	340
QUIT VOL. RET.	2	-	-	2	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	57	.8	48	-	-	8
DISCHARGES	214	3.1	194	11	-	8
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	131	1.9	123	7	-	2

VI. Estimate of Need for Manpower Services

In determining the need for manpower services there are several groups within the general population that should be considered. Among these are the unemployed, the economically disadvantaged, those employed part-time because of economic reasons and the long-term unemployed. This section gives some estimates of these groups and some of their characteristics for fiscal year 1979.

It is projected that during fiscal year 1979 there will be approximately 233,930 economically disadvantaged individuals over 18 in the Boston SMSA. Of these, 112,876 or 48.2 percent will live in the City of Boston and 12.5 percent will be residing in the EMHRDA CETA area.

Within the SMSA 18.9 percent of the economically disadvantaged will be minority group members, for the EMHRDA CETA area 16.3 percent will be minority group members and for the City of Boston 47.4 percent of the economically disadvantaged will be minority group members.

An economically disadvantaged individual is one who is a member of a family (1) which received cash welfare payments, or (2) whose annual income in relation to family size and location does not exceed the most recently established poverty levels as determined in accordance with criteria established by the federal Office of Management and Budget.

Table 34
Poverty Level Guidelines*
1978

Size of Family	Nonfarm Family	Farm Family
1	3,140	2,690
2	4,160	3,550
3	5,180	4,410
4	6,200	5,270
5	7,220	6,130
6	8,240	6,990

* For all States except Alaska and Hawaii

Source: U. S. Office of Management and Budget

An individual who is employed part-time for economic reasons is one who is working less than a full week and who would prefer full-time work if such work were available. It is estimated that during fiscal year 1979 there will be 48,095 such individuals in the Boston SMSA. As economic conditions improve and full time jobs become more readily available many of these persons may be in the market for these positions, yet unable to get them because they lack the requisite skills. It is therefore important to consider these individuals when doing manpower planning.

Another group that may especially be in need of manpower services are the long term unemployed. These are individuals who have been unemployed 15 weeks or longer during one year. These individuals upon becoming unemployed, have difficulty obtaining subsequent employment often because they possess low skill levels or obsolete skills, requiring retraining. For the SMSA during fiscal year 1979 there will be an estimated 28,020 long term unemployed with 77 percent of these being male, both white and nonwhite.

The annual average number of unemployed persons for fiscal year 1979 in the Boston SMSA. is projected to be 91,130 representing a 6.9 percent unemployment rate. This however, is an average, and it is anticipated that there will be an estimated 279,667 different individuals experiencing at least one spell of unemployment during that time period.

The city of Boston and the EMHRDA CETA area are both projected to have unemployment rates above that of the SMSA as a whole with 8.5 percent and 7.3 percent respectively. Here again the average number of unemployed is considerably lower than the total number of different individuals who will be unemployed during the fiscal year.

Table 35

POPULATION AND LABOR FORCE COMPOSITION PROJECTIONS
FISCAL YEAR 1979

Boston SMSA

	Population	Labor Force	Employ	Unemploy	Unemploy Rate	Labor Force Participation Rate
TOTAL	2854037	1320731	1229601	91130	6.9	63.7
White Male	1263123	702810	654630	48180	6.9	78.2
0-15	364437	--	--	--	--	--
~~16-17~~)16-19 ~~18-19~~)	100552	65388	56554	8834	13.5	65.0
20-24	114155	88729	79756	8973	10.1	77.7
25-34	183975	171526	160122	11404	6.6	93.2
35-44	130246	124051	118031	6020	4.9	95.2
45-64	258690	224892	214957	9935	4.4	86.9
65 +	111068	28224	25210	3014	10.8	25.4
White Female	1405190	545330	510875	34455	6.3	51.7
0-15	349790	--	--	--	--	--
~~16-17~~)16-19 ~~18-19~~)	100278	72333	66248	6085	8.4	72.1
20-24	128892	97516	92100	5416	5.6	75.7
25-34	206601	115360	108769	6591	5.7	55.8
35-44	137247	74195	70260	3935	5.3	54.1
45-64	295083	165745	155556	10189	6.1	56.2
65 +	187299	20181	17942	2239	11.1	10.8
Nonwhite Male	85360	38254	33141	5113	13.4	73.6
0-15	33355	--	--	--	--	--
~~16-17~~)16-19 18~~-19~~)	6663	3106	2187	919	29.6	46.6
20-24	8517	6047	5200	847	14.0	71.0
25-34	14089	12276	10761	1515	12.3	87.1
35-44	8401	7508	6633	875	11.7	89.3
45-64	10611	8574	7757	817	9.5	80.8
65 +	3724	743	603	140	18.8	20.0
Nonwhite Female	100364	34337	30955	3382	9.8	51.0
0-15	33089	--	--	--	--	--
~~16-17~~)16-19 ~~18-19~~)	7194	3627	3141	486	13.4	50.4
20-24	9945	5284	4676	608	11.5	53.1
25-34	20316	10892	9922	970	8.9	53.6
35-44	10377	5710	5258	452	7.9	55.0
45-64	13568	8037	7237	800	9.9	59.2
65 +	5875	787	721	66	8.4	13.4

Table 36

ADDITIONAL PLANNING DATA PROJECTIONS

FISCAL YEAR 1979

Boston SMSA

	Employed Part-Time for Economic Reasons
TOTAL	48,095
White Male	18,984
White Female	25,033
Nonwhite Male	1,756
Nonwhite Female	2,322

	Economically Disadvantaged 18 Years and Over
TOTAL	233,930
White	189,717
Black	32,517
Other	5,380
Spanish	6,316

Table 37

ADDITIONAL UNEMPLOYMENT PROJECTIONS

FISCAL YEAR 1979

Boston SMSA

	Unemployment	Unemployment Rate	Long-Term Unemployment	Number of Different Individuals Unemployed During Year
TOTAL	91,130	6.9	28,020	279,667
White Male	48,180	6.9	19,679	145,805
White Female	34,455	6.3	5,989	108,377
Nonwhite Male	5,113	13.4	1,917	15,339
Nonwhite Female	3,382	9.8	435	10,146

Table 38

POPULATION AND LABOR FORCE COMPOSITION PROJECTIONS
FISCAL YEAR 1979

Boston CETA

	Population	Labor Force	Employ	Unemploy	Unemploy Rate	Labor Force Participation Rate
TOTAL	626218	289835	265201	24634	8.5	63.0
White Male	219187	119156	108548	10608	8.9	73.5
0-15	57136	--	--	--	--	--
~~16-17~~) 16-19 ~~18-19~~)	14831	9447	8132	1315	13.9	65.7
20-24	25329	18519	16245	2274	12.3	73.1
25-34	38340	35152	31902	3250	9.2	91.7
35-44	18245	16909	15663	1246	7.4	92.7
45-64	40876	33528	31577	1951	5.8	82.0
65 +	24430	5601	5029	572	10.2	22.9
White Female	261569	115051	108036	7015	6.1	55.7
0-15	54987	--	--	--	--	--
~~16-17~~)16-19 ~~18-19~~)	15377	11391	10308	1083	9.5	74.1
20-24	33539	26433	25217	1216	4.3	78.8
25-34	44983	30688	28997	1691	5.5	68.2
35-44	18990	11387	10783	604	5.3	60.0
45-64	50623	30077	28278	1799	6.0	59.4
65 +	43070	5075	4453	622	12.3	11.8
Nonwhite Male	65847	29157	24943	4214	14.5	75.3
0-15	27126	--	--	--	--	--
) 16-19)	5218	2488	1646	842	33.8	47.7
20-24	6234	4741	4074	667	14.1	76.1
25-34	10620	9583	8284	1299	13.6	90.2
35-44	6022	5424	4760	664	12.2	90.1
45-64	7945	6420	5812	608	9.5	80.8
65 +	2682	501	367	134	26.9	18.7
Nonwhite Female	79615	26471	23674	2797	10.6	50.2
0-15	26911	--	--	--	--	--
)16-19)	5755	2827	2392	435	15.4	49.1
20-24	8094	4296	3748	548	12.8	53.1
25-34	16609	8762	7969	793	9.0	52.3
35-44	8032	4199	3870	329	7.8	52.3
45-64	10084	5847	5202	645	11.0	58.0
65 +	4130	540	493	47	8.7	13.1

Table 39

ADDITIONAL PLANNING DATA PROJECTIONS

FISCAL YEAR 1979

Boston CETA

	Employed Part-Time for Economic Reasons
TOTAL	11,539
White Male	3,147
White Female	5,294
Nonwhite Male	1,322
Nonwhite Female	1,776

	Economically Disadvantaged 18 Years and Over
TOTAL	112,877
White	59,373
Black	43,232
Other	3,612
Spanish	6,660

Table 40

ADDITIONAL UNEMPLOYMENT PROJECTIONS

FISCAL YEAR 1979

Boston CETA

	Unemployment	Unemployment Rate	Long-Term Unemployment	Number of Different Individuals Unemployed During Year
TOTAL	24,634	8.5	7,030	75,760
White Male	10,608	8.9	3,787	31,824
White Female	7,015	6.1	1,157	22,903
Nonwhite Male	4,214	14.5	1,637	12,642
Nonwhite Female	2,797	10.6	449	8,391

Table 41

POPULATION AND LABOR FORCE COMPOSITION PROJECTIONS
FISCAL YEAR 1979

EMHRDA

	Population	Labor Force	Employ	Unemploy	Unemploy Rate	Labor Force Participation Rate
TOTAL	283197	139696	129498	10198	7.3	65.5
White Male	127680	72235	67055	5180	7.2	76.8
0-15	33607	--	--	--	--	--
16-19	7782	5152	4234	918	17.8	66.2
20-24	11592	8152	7220	932	11.4	70.3
25-34	27060	23682	22175	1507	6.4	87.5
35-44	12778	12153	11547	606	5.0	95.1
45-64	22787	20041	19000	1041	5.2	88.0
65 +	12074	3055	2879	176	5.8	25.3
White Female	142579	61398	56999	4399	7.2	55.8
0-15	32539	--	--	--	--	--
16-19	7943	6184	5463	721	11.7	77.9
20-24	11133	8907	8256	651	7.3	80.0
25-34	27943	19655	18520	1135	5.8	70.3
35-44	12635	7530	7152	378	5.0	59.6
45-64	28472	16758	15556	1202	7.2	58.9
65 +	21914	2364	2052	312	13.2	10.8
Nonwhite Male	6404	3264	2931	333	10.2	73.4
0-15	1956	--	--	--	--	--
16-19	381	195	142	53	27.2	51.2
20-24	945	610	566	44	7.2	64.6
25-34	1354	1084	953	131	12.1	80.1
35-44	748	711	661	50	7.0	95.4
45-64	675	576	530	46	8.0	85.3
65 +	345	88	79	9	10.2	25.5
Nonwhite Female	6534	2799	2513	286	10.2	59.3
0-15	1815	--	--	--	--	--
16-19	384	275	245	30	10.9	71.6
20-24	580	302	266	36	11.9	52.1
25-34	1555	1055	957	98	9.3	67.8
35-44	626	442	393	49	11.1	70.6
45-64	966	651	592	59	9.1	67.4
65 +	608	74	60	14	18.9	12.2

Table 42

ADDITIONAL PLANNING DATA PROJECTIONS

FISCAL YEAR 1979
EMHRDA

	Employed Part-Time for Economic Reasons
TOTAL	5,081
White Male	1,945
White Female	2,793
Nonwhite Male	155
Nonwhite Female	188

	Economically Disadvantaged 18 Years and Over
TOTAL	29,190
White	24,432
Black	2,882
Other	935
Spanish	941

Table 43

ADDITIONAL UNEMPLOYMENT PROJECTIONS

FISCAL YEAR 1979

EMHRDA

	Unemployment	Unemployment Rate	Long-Term Unemployment	Number of Different Individuals Unemployed During Year
TOTAL	10,198	7.3	2,923	30,594
White Male	5,180	7.2	1,744	15,540
White Female	4,399	7.2	955	13,197
Nonwhite Male	333	10.2	183	999
Nonwhite Female	286	10.2	41	858

CETA

Quarterly Summaries of Participant Characteristics under Title I of the Comprehensive Employment and Training Act are contained in the following tables. Information is included for the October 1, 1977 to March 31, 1978 period for the Boston Prime Sponsor area as well as the the six subgrantee areas. CETA is administered through the Employment and Training Administration under the Federal Department of Labor. Units of local government with 100,000 or more in population are covered under Title I, the purpose of which is to allocate money to local governments to provide comprehensive manpower services. Title I training programs include on the job training, youth work experience, and classroom training programs.

Demographic data is provided as well as wage data of terminees entering employment both before placement and upon entering employment. Data is not provided for EMHRDA as the necessary information was not made readily available within the time constraints.

In addition to, Title I, funding is provided under two other CETA titles. Titles II and VI are funded for the purpose of allocating money to local governments with substantial unemployment in order to provide transitional public service employment.

WIN

The Work Incentive Program (WIN) is designed to assist recipients of Aid to Families with Dependent Children in attaining job skills and opportunities. This programs provides these individuals with job counselling, training programs and placement assistance. Table contains information regarding WIN registrants in the SMSA for the period October 1, 1977 through April 30, 1978. During that period a total of 43,512 individuals registered in the WIN program in the SMSA. The greatest number of these individuals were in the 30-44 age bracket. Seventy-one percent of all registrants were female and 73 percent were white. The breakout for educational attainment reveals that approximately one-half had less than a high school education.

Of the 43,512 registrants available during this time period, 1,933 entered employment. There were fairly evenly split between males and females, with 51 percent and 49 percent respectively. Fifty-nine percent of those entering employment had twelve years of schooling or more.

Table 44

Quarterly Summary of Participant Characteristics
October 1, 1977-March 31, 1978
CETA Title I

	BOSTON			CHELSEA			MEDFORD		
		Terminations			Terminations			Terminations	
	Total Participants	Total	Entered Employment	Total Participants	Total	Entered Employment	Total Participants	Total	Entered Employment
TOTAL	9,578	2,622	743	273	69	33	960	48	20
Sex									
Male	4,953	1,428	435	135	44	22	446	29	11
Female	4,625	1,194	308	138	25	11	514	19	9
Age									
18 and under	4,217	805	119	115	24	6	579	9	2
19 - 21	1,300	454	148	54	16	6	110	10	4
22 - 44	3,342	1,101	402	90	25	17	217	22	13
45 - 54	483	169	49	12	3	3	31	1	0
55 - 64	216	85	23	2	1	1	22	5	1
65 and over	20	8	2	-	-	-	1	1	0
Education									
8 yrs. and under	1,713	384	64	33	8	4	198	5	1
9 - 11 years	4,818	1,196	282	161	33	12	601	20	5
H. S. Graduate	2,274	764	287	60	21	12	137	20	12
Post High School	773	278	110	19	7	5	24	3	2
Family Income									
AFDC	3,725	872	209	131	28	11	462	14	7
Public Assistance	0	0	0	8	1	1	53	1	0
Economically Disadv.	9,070	2,455	683	273	69	33	951	48	20
Ethnic Group									
White	8,126	2,230	654	187	57	29	881	47	19
Black	532	149	30	11	2	2	43	0	0
American Indian	44	13	2	1	0	0	1	0	0
Other	876	230	57	74	10	2	35	1	1
Spanish American	830	224	57	68	11	3	25	1	0
Handicapped	980	358	97	21	11	11	36	4	3
Offender	1,161	396	126	30	14	14	37	3	0

Table 44

Quarterly Summary of Participant Characteristics
October 1, 1977-March 31, 1978
CETA Title I

	NEWTON			NORWOOD			QUINCY			SALEM		
		Terminations			Terminations			Terminations			Terminations	
	Total Participants	Total	Entered Employment	Total Participants	Total	Entered Employment	Total Participants	Total	Entered Employment	Total Participants	Total	Entered Employment
TOTAL	807	147	50	448	106	45	699	137	55	908	185	81
Sex												
Male	373	77	26	256	64	25	417	102	46	447	86	31
Female	434	70	24	192	42	20	282	35	9	412	99	50
Age												
18 and under	314	39	9	215	35	5	309	8	1	425	58	16
19 - 21	100	27	10	29	10	4	99	33	17	112	29	16
22 - 44	312	61	25	141	34	23	237	82	34	288	73	37
45 - 54	52	13	5	26	11	6	39	10	3	65	20	9
55 - 64	29	7	1	23	11	6	15	4	0	19	5	3
65 and over	0	0	0	14	5	1	0	0	0	0	0	0
Education												
8 yrs. and under	152	23	4	86	14	3	50	9	3	228	41	11
9 - 11 years	311	53	16	183	41	12	392	43	12	458	93	37
H. S. Graduate	209	40	18	131	39	21	206	60	30	159	34	24
Post High School	135	31	12	48	12	9	51	25	10	64	17	9
Family Income												
AFDC	296	41	12	154	34	10	262	21	8	379	69	26
Public Assistance	46	7	3	23	4	1	34	12	4	43	11	9
Economically Disad.	727	120	41	430	97	43	696	136	55	868	173	73
Ethnic Group												
White	707	127	44	434	105	44	675	133	53	728	147	67
Black	29	7	2	6	0	0	11	1	0	66	10	2
American Indian	2	0	0	0	0	0	3	1	1	2	0	0
Other	69	13	4	8	1	1	10	2	0	113	28	12
Spanish American	51	12	4	2	1	1	6	2	2	104	25	11
Handicapped	116	27	9	35	10	6	117	37	10	117	27	12
Offender	73	19	10	27	6	2	105	33	9	119	22	12

Table 45

Wages of Terminees Upon Entering Employment
October 31, 1977-March 31, 1978
CETA Title I

CETA Areas	HOURLY RATES						
	No Previous Wage	Less Than $2.30	$2.30-$2.99	$3.00-$3.99	$4.00-$4.99	$5.00-$5.99	$6.00 or More
Before Participation							
Boston	134	114	210	169	69	26	21
Chelsea	9	4	8	2	7	3	--
Medford	2	5	5	4	3	--	1
Newton	9	4	12	19	3	--	3
Norwood	15	6	6	5	8	1	4
Quincy	2	4	19	15	6	3	6
Salem	15	13	19	12	7	1	--
Upon Entering Employment							
Boston	--	21	179	319	147	44	33
Chelsea	--	--	6	14	12	1	--
Medford	--	--	1	5	5	4	1
Newton	--	--	5	24	14	3	3
Norwood	--	1	10	16	12	2	3
Quincy	--	--	2	18	23	7	5
Salem	--	--	37	35	8	--	1

Table 46
Selected WIN Registrant Characteristics
October 1, 1977-April 30, 1978

	Registrants	Entered Employment	Percent Entered Employment
TOTAL	43,512	1,933	100.0
Age			
Under 20	2,629	127	6.6
20 - 29	11,371	628	32.5
30 - 44	21,517	959	49.6
Over 45	7,995	219	11.3
Sex			
Male	12,527	985	51.0
Female	30,985	948	49.0
Education			
0 - 7 years	3,562	106	5.5
8 - 11 years	18,588	679	35.1
12 years	17,320	891	46.1
Over 12 years	4,042	257	13.3
Ethnic			
White	31,780	1,717	88.8
Black	10,043	181	9.4
American Ind.	65	1	--
Other	913	26	1.3
Spanish Amer.	3,206	101	5.2
Employment Status			
Full Time	952	60	3.1
Part Time	1,414	130	6.7
Not Working	41,146	1,743	90.2

THE FOLLOWING ESARS TABLES HAVE BEEN ENCLOSED TO FOCUS ON THE CHARACTERISTICS OF APPLICANTS REGISTERED IN EMPLOYMENT SERVICE OFFICES FOR OCTOBER 1977 THROUGH MARCH 1978. TABLE 96, WHICH LISTS THE OCCUPATIONAL ATTACHMENT OF APPLICANTS, GIVES ONLY THE RESPECTIVE DOT CODES. ENCLOSED AFTER THE TABLE IS THE DOT CODES WITH THEIR COMPATIBLE OCCUPATIONAL TITLES.

FOR FURTHER ASSISTANCE CONTACT THE RESEARCH LIBRARY, DIVISION OF EMPLOYMENT SECURITY, CHARLES F. HURLEY BUILDING, BOSTON, MASSACHUSETTS 02114.

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS AVAIL-ABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	TOTAL RECEIV-ED	MANDA-TORY OPENING RECEIV-ED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	TOTAL	122865	64893	30725	11783	12258	12261	12099	29536	49088	15200	32098	19922	16304
96	0-1	22016	10721	4471	2581	439	2240	1156	2472	13134	2430	10366	2734	2287
96	00-16	16405	7751	3622	1659	302	1511	835	1746	11808	2021	9522	1989	1649
96	18	4021	2207	426	792	98	608	135	465	578	270	254	328	278
96	19	1590	763	423	130	39	121	186	261	748	139	590	417	360
96	2	30313	14946	10988	1594	3129	2756	2456	6720	12244	4709	6567	6144	5226
96	20-24	24283	12307	9682	1069	2609	2143	2216	5735	9422	4244	4736	5431	4699
96	25-29	6030	2639	1306	525	520	613	240	985	2822	465	1831	713	527
96	3	18359	9724	5415	1334	2259	1969	2385	5228	8594	2226	5885	3124	2078
96	30	976	530	479	16	78	169	225	380	972	23	801	168	130
96	31-39	17383	9194	4936	1318	2181	1800	2160	4848	7622	2203	5084	2956	1948
96	4	1755	1225	277	105	772	87	110	254	576	321	333	771	758
96	5	1463	784	186	203	115	180	194	382	339	114	193	134	95
96	6	5611	3011	493	964	412	567	612	1166	1824	801	942	872	662
96	7	5204	2866	1742	346	335	771	733	1357	2040	1192	999	1006	762
96	8	10590	5631	163	2072	754	1102	900	2324	3407	595	2342	1573	1250
96	9	19964	10137	2385	2276	3434	1278	2249	4328	6905	2807	4452	3542	3166
96	90-91	5067	2751	243	1032	385	445	351	1152	2688	1846	1252	1469	1350
96	92	14166	7009	2034	1141	2986	752	1845	3047	3863	919	3074	1860	1737
96	93-97	731	377	108	103	63	81	53	129	354	42	126	213	79
96	X-ENTRY TOTAL	1756	1175	822	115	204	185	274	1005	0	0	0	0	0
96	0-1	310	152	99	19	12	10	21	112	0	0	0	0	0
96	2	485	293	255	22	55	44	50	253	0	0	0	0	0
96	3	199	139	110	7	34	25	24	111	0	0	0	0	0
96	4	10	3	0	1	1	0	0	2	0	0	0	0	0
96	5	10	8	2	1	1	0	3	6	0	0	0	0	0
96	6	80	49	6	15	12	3	7	40	0	0	0	0	0
96	7	70	40	27	5	6	4	9	36	0	0	0	0	0
96	8	95	56	8	16	13	4	9	37	0	0	0	0	0
96	9	497	435	315	29	70	95	151	408	0	0	0	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	001	139	61	12	13	3	14	6	14	12	7	9	1	1
96	001081	63	30	3	9	0	9	2	5	3	1	2	0	0
96	001081-010	8	8	1	2	0	0	2	0	0	0	0	0	0
96	001281	69	27	7	3	3	4	3	8	9	6	7	1	1
96	002	25	17	0	11	0	11	0	2	10	10	1	8	8
96	002081	18	11	0	8	0	9	0	0	6	6	1	5	5
96	002081-018	0	0	0	0	0	0	0	0	1	1	1	0	0
96	002168	0	0	0	0	0	0	0	0	1	1	0	1	1
96	002187	0	0	0	0	0	0	0	0	3	3	0	2	2
96	002188	1	0	0	0	0	0	0	0	0	0	0	0	0
96	002280	1	1	0	0	0	1	0	0	0	0	0	0	0
96	002281	4	4	0	2	0	0	0	2	0	0	0	0	0
96	003	489	243	10	122	9	74	24	59	342	295	65	204	176
96	003081	167	80	1	33	1	34	7	13	126	116	15	91	74
96	003081-018	8	8	0	3	0	5	2	2	7	7	0	7	1
96	003081-022	1	1	0	0	0	1	0	0	2	1	0	2	1
96	003081-030	2	1	0	0	0	1	0	0	0	0	0	0	0
96	003081-034	10	9	0	4	1	1	0	0	11	10	1	10	2
96	003081-066	0	0	0	0	0	0	0	0	1	1	0	1	0
96	003181	214	113	6	68	6	24	15	33	174	148	36	97	89
96	003181-014	13	11	0	7	0	2	1	4	4	4	0	4	0
96	003187	14	3	0	1	0	1	0	0	10	6	3	3	3
96	003187-014	1	1	0	0	0	1	0	0	0	0	0	0	0
96	003281	75	42	3	17	2	12	2	11	30	24	11	12	9
96	003281-010	3	3	1	0	0	0	0	0	1	0	0	1	0
96	003281-014	2	2	0	0	0	0	0	2	4	2	2	2	0
96	003281-026	1	1	0	1	0	1	0	1	0	0	0	0	0
96	005	197	101	10	33	0	26	11	20	78	65	25	38	27
96	005081	151	78	5	30	0	21	7	14	53	46	19	22	16
96	005081-014	19	19	2	3	0	3	1	2	0	0	0	0	0
96	005081-018	1	1	0	1	0	1	0	0	2	2	0	2	0
96	005081-022	0	0	0	0	0	0	0	0	3	2	0	3	0
96	005081-046	1	1	0	0	0	0	0	0	1	0	0	1	0
96	005081-054	3	3	0	3	0	1	0	1	0	0	0	0	0
96	005081-058	2	1	0	1	0	1	0	0	0	0	0	0	0
96	005281	43	22	5	3	0	5	4	5	23	18	5	14	9
96	005281-014	2	1	1	0	0	0	0	0	3	1	0	3	0
96	006	2	0	0	0	0	0	0	0	0	0	0	0	0
96	007	324	149	8	54	11	49	9	13	187	144	45	110	86
96	007081	146	66	2	21	0	32	5	5	92	77	17	61	45
96	007081-010	0	0	0	0	0	0	0	0	1	1	0	1	0
96	007081-022	1	1	0	1	0	0	0	0	0	0	0	0	0
96	007081-038	11	11	1	2	0	3	1	1	5	4	0	5	0
96	007081-042	1	1	0	0	0	0	0	0	0	0	0	0	0

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120
APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE TOTAL	ACTIVE FILE FEMALE	ACTIVE FILE VETERAN	ACTIVE FILE AGE GROUPS UNDER 22	ACTIVE FILE AGE GROUPS 45 AND OLDER	ACTIVE FILE MINORITY	ACTIVE FILE ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS TOTAL RECEIVED	NONAGRICULTURAL OPENINGS MANDATORY OPENING RECEIVED	NONAGRICULTURAL OPENINGS OPENING FILLED	NONAGRICULTURAL OPENINGS UNFILLED OPEN TOTAL	NONAGRICULTURAL OPENINGS UNFILLED OPEN 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	007081-054	1	1	0	1	0	1	0	0	2	2	0	2	0
96	007081-066	1	1	0	1	0	1	0	0	3	2	0	3	0
96	007181	77	32	3	11	3	10	0	1	35	18	14	23	21
96	007181-014	1	1	0	0	0	1	0	0	0	0	0	0	0
96	007181-026	5	4	0	3	0	1	0	0	4	4	1	3	2
96	007187	14	8	1	6	1	3	0	1	1	1	0	3	2
96	007281	74	36	2	11	7	2	4	6	58	48	14	23	18
96	007281-014	6	5	0	1	2	0	0	0	6	5	1	5	0
96	008	42	20	1	6	1	5	3	6	10	7	2	8	6
96	008081	42	20	1	6	1	5	3	6	10	7	2	8	6
96	008081-014	3	2	0	0	0	0	1	1	0	0	0	0	0
96	008081-022	0	0	0	0	0	0	0	0	1	1	0	1	0
96	010	14	12	1	2	0	1	3	2	6	6	1	5	3
96	010081	1	2	0	1	0	1	0	0	1	1	0	1	0
96	010081-022	0	0	0	0	0	0	0	0	1	1	0	1	0
96	010281	5	4	1	1	0	0	2	0	1	1	1	0	0
96	011	18	12	1	4	0	4	2	2	8	8	1	5	3
96	011081	12	7	0	2	0	3	2	1	5	5	0	4	3
96	011081-014	1	1	0	0	0	0	1	0	0	0	0	0	0
96	011281	1	1	0	0	0	1	0	0	2	2	1	0	0
96	011381	4	3	0	2	0	0	0	0	1	1	0	1	0
96	012	251	127	9	66	1	56	8	25	134	106	31	59	44
96	012081	10	5	1	2	0	2	1	1	18	16	0	2	2
96	012168	56	28	4	12	0.	6	2	6	27	21	3	12	10
96	012168-010	3	3	0	2	0	1	0	0	1	1	0	1	0
96	012168-022	8	7	1	3	0	2	2	2	0	0	0	0	0
96	012187	17	8	0	4	0	5	0	2	16	14	6	9	6
96	012188	151	75	2	43	0	40	3	12	69	53	21	34	24
96	012188-010	1	1	0	1	0	1	0	0	0	0	0	0	0
96	012281	1	1	0	0	1	0	0	0	1	0	0	1	1
96	012288	8	4	1	1	0	2	1	1	2	1	1	0	0
96	013	1	1	0	0	0	0	0	0	0	0	0	0	0
96	01308/	1	1	0	0	0	0	0	0	0	0	0	0	0
96	014	18	11	2	2	0	2	1	1	1	1	0	0	0
96	014187	3	1	0	0	0	0	0	0	0	0	0	0	0
96	014281	2	0	0	0	0	0	0	0	0	0	0	0	0
96	015	10	3	1	2	0	1	0	1	0	0	0	0	0
96	015380	3	0	0	0	0	0	0	0	0	0	0	0	0
96	017	98	52	11	18	12	9	9	17	41	23	9	22	21
96	017281	91	49	11	17	11	9	8	16	40	23	8	22	21
96	018	74	43	2	7	10	1	7	13	39	17	18	20	7
96	019	54	37	7	13	0	8	3	11	13	9	4	6	5
96	019081	29	19	0	8	0	4	1	5	2	1	2	0	0
96	019281	17	11	5	3	0	1	1	3	10	7	2	6	5

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MONTHLY YEAR TO DATE
FOR PERIOD ENDING 04/30/78 PAGE 003

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120 TABLE 96

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	019288	3	3	0	2	0	2	0	0	1	1	0	0	0
96	020	380	194	45	50	8	32	19	33	257	196	44	137	112
96	020081	3	2	1	1	0	1	0	0	1	1	0	0	0
96	020088	65	41	6	13	1	8	1	7	27	25	7	20	16
96	020088-010	2	2	0	1	0	2	0	0	3	3	0	3	0
96	020088-018	2	2	1	0	1	0	0	0	0	0	0	0	0
96	020168	34	13	6	1	1	4	1	4	41	20	12	19	15
96	020188	270	132	29	34	4	19	17	21	186	149	25	96	79
96	020188-026	13	12	3	2	0	0	4	1	11	8	0	9	0
96	020188-030	3	3	0	1	0	0	1	0	3	2	0	3	0
96	021	5	3	3	0	0	1	0	2	1	1	0	1	1
96	022	131	69	17	14	3	19	3	8	27	16	7	12	6
96	022081	96	51	10	11	1	16	3	6	12	8	2	5	4
96	022081-014	6	6	2	0	0	2	1	1	0	0	0	0	0
96	022081-042	7	7	2	2	0	1	1	0	1	1	0	1	0
96	022081-046	1	1	0	0	0	1	0	0	0	0	0	0	0
96	022281	24	14	6	1	2	1	0	1	9	4	4	4	2
96	023	49	26	1	7	1	10	5	4	10	10	2	3	3
96	023081	47	24	1	7	0	10	4	4	10	10	2	3	3
96	023081-010	5	5	0	2	0	3	0	1	0	0	0	0	0
96	024	32	12	0	2	0	2	1	3	3	3	0	1	1
96	024081	20	8	0	2	0	2	1	3	3	3	0	0	0
96	024081-018	1	1	0	1	0	0	0	1	0	0	0	0	0
96	025	14	10	3	3	0	3	1	4	1	1	0	0	0
96	029	114	52	26	9	5	5	10	14	22	14	9	12	10
96	029281	23	11	4	4	2	4	0	2	5	4	3	1	1
96	040	34	19	8	4	1	2	1	5	5	0	4	3	3
96	040081	31	17	7	4	1	1	1	4	4	0	3	3	3
96	041	218	99	34	12	2	15	4	15	23	14	6	9	5
96	041081	201	90	29	12	1	13	3	13	21	13	5	7	3
96	041081-030	2	2	1	0	0	1	0	1	3	0	0	3	0
96	041081-034	10	6	1	1	0	1	0	0	0	0	0	0	0
96	045	1112	480	250	67	15	46	120	128	501	46	360	186	167
96	045088	31	10	9	2	0	1	1	3	5	3	0	4	3
96	045108-010	104	76	32	11	2	7	18	22	12	0	4	8	0
96	045108-018	7	5	2	1	0	1	0	0	3	0	0	3	0
96	045108-022	1	1	1	0	0	0	0	0	0	0	0	0	0
96	045108-026	5	4	1	1	0	0	1	0	0	0	0	0	0
96	049	9	3	3	0	1	0	1	0	0	0	0	0	0
96	050	147	72	19	15	1	12	3	15	24	18	4	13	8
96	050088	140	68	19	12	1	9	3	14	22	17	4	13	8
96	050088-014	4	4	1	0	1	0	0	1	1	1	0	1	0
96	051	17	4	1	2	0	0	0	2	0	0	0	0	0
96	052	13	5	2	0	0	1	0	2	12	0	13	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE: TOTAL	ACTIVE FILE: FEMALE	ACTIVE FILE: VETERAN	ACTIVE FILE: AGE GROUPS: UNDER 22	ACTIVE FILE: AGE GROUPS: 45 AND OLDER	ACTIVE FILE: MINORITY	ACTIVE FILE: ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	NONAGRICULTURAL OPENINGS: MANDATORY OPENING RECEIVED	NONAGRICULTURAL OPENINGS: OPENING FILLED	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: TOTAL	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	054	65	28	12	4	1	3	5	5	10	2	2	6	1
96	054088	63	27	11	4	1	3	5	4	10	2	2	6	1
96	055	4	2	1	0	0	0	0	0	0	0	0	0	0
96	055088	4	2	1	0	0	0	0	0	0	0	0	0	0
96	059	3	1	0	1	0	0	0	0	1	1	0	2	2
96	070	13	6	1	4	0	2	0	1	17	8	0	8	8
96	070108	12	6	1	4	0	2	0	1	17	8	0	8	8
96	070108-026	1	1	0	1	0	0	0	1	0	0	0	0	0
96	072	3	0	0	0	0	0	0	0	1	1	0	1	1
96	072108	1	0	0	0	0	0	0	0	0	0	0	0	0
96	073	12	7	4	0	0	0	1	3	2	1	0	2	2
96	073108	2	1	1	0	0	0	0	1	1	0	0	1	1
96	073108-014	1	1	1	0	0	0	0	1	0	0	0	0	0
96	074	98	46	5	14	1	15	2	5	10	7	2	2	2
96	074181	85	43	2	14	1	14	2	4	8	5	2	1	1
96	075	1181	210	199	12	1	57	18	50	7333	63	7109	189	171
96	075128	50	26	25	2	0	9	2	6	36	12	5	20	18
96	075128-018	3	3	3	0	0	1	1	0	0	0	0	0	0
96	075128-030	2	2	2	0	0	1	0	1	0	0	0	0	0
96	075378	1105	170	162	9	1	44	16	41	7295	51	7103	166	150
96	075378-014	21	18	17	0	0	5	1	4	2	2	0	2	0
96	075378-018	1	1	1	0	0	1	0	0	0	0	0	0	0
96	075378-022	75	18	17	0	0	6	1	1	831	0	818	13	0
96	075378-026	1	1	1	0	0	0	0	0	1	0	0	1	0
96	077	47	22	17	2	0	3	2	1	19	15	10	5	4
96	077128	16	5	5	1	0	2	1	1	13	11	9	2	2
96	077168	22	11	9	1	0	0	0	0	5	4	0	3	2
96	077168-014	1	1	1	0	0	0	0	0	1	0	0	1	0
96	078	335	181	130	18	14	17	23	57	80	61	19	39	30
96	078168	9	4	2	1	0	1	0	0	1	1	0	0	0
96	078281	45	27	13	2	1	1	5	7	32	30	3	16	10
96	078281-018	3	3	2	0	0	0	0	0	1	1	0	1	0
96	078368	102	58	47	6	3	7	5	15	19	15	7	8	8
96	078368-014	2	2	2	0	0	0	0	0	0	0	0	0	0
96	078381	142	82	58	9	10	7	13	29	24	14	7	11	9
96	078381-010	14	12	10	0	1	1	0	1	0	0	0	0	0
96	079	739	390	327	45	37	46	63	179	621	56	476	143	128
96	079108	41	19	13	4	0	4	3	3	10	2	3	4	4
96	079368	156	86	58	23	13	6	17	36	18	2	5	12	12
96	079368-018	8	8	5	1	1	1	0	2	0	0	0	0	0
96	079368-022	12	9	6	3	3	0	1	5	0	0	0	0	0
96	079368-026	1	0	0	0	0	0	0	0	0	0	0	0	0
96	079378	415	223	206	14	19	28	27	120	544	39	449	94	84
96	079378-010	22	14	13	1	5	0	0	3	1	0	0	1	0

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APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	079378-026	39	34	33	0	0	4	3	23	49	1	44	5	0
96	079378-034	3	3	2	0	0	1	0	1	4	3	0	4	0
96	090	337	154	64	19	0	34	25	31	37	18	20	15	10
96	090228	256	118	48	14	0	30	21	23	33	15	19	14	9
96	090228-010	16	11	5	1	0	1	2	0	5	5	0	5	0
96	091	1128	504	262	71	2	52	44	77	109	80	108	20	17
96	091228	1082	479	250	64	2	46	42	72	107	80	107	19	16
96	091228-014	2	2	1	0	0	0	0	1	0	0	0	0	0
96	091228-018	192	132	77	13	0	11	3	8	6	3	3	3	0
96	091228-022	4	2	1	0	0	1	1	0	0	0	0	0	0
96	092	1115	550	458	14	16	90	84	93	95	62	81	13	10
96	092228	1083	538	447	14	14	86	82	92	94	61	80	13	10
96	092228-010	129	92	80	0	2	8	5	13	2	1	1	1	0
96	092228-014	11	6	5	0	1	0	1	2	2	2	0	2	0
96	094	240	120	99	4	3	13	9	16	76	31	68	13	12
96	094228	236	116	98	3	3	12	9	16	74	31	67	11	10
96	096	17	12	8	2	0	1	0	4	1	1	1	2	2
96	097	40	19	4	7	1	5	3	2	35	19	34	14	10
96	099	407	215	137	22	18	31	61	84	134	52	100	42	34
96	099228	126	61	36	3	8	5	12	19	28	7	10	18	14
96	099228-010	4	3	2	0	0	0	0	0	0	0	0	0	0
96	100	108	44	35	7	0	10	4	8	35	12	29	10	6
96	100168	93	38	32	5	0	8	3	6	24	8	22	6	3
96	101	1	1	0	1	0	0	0	0	1	0	1	0	0
96	102	14	7	5	0	0	0	0	0	1	1	0	1	0
96	109	69	26	16	0	2	0	2	6	7	3	1	4	3
96	110	139	74	12	26	0	16	5	18	38	11	33	14	9
96	110108	109	63	9	22	0	14	4	12	32	10	15	12	7
96	110108-010	16	15	3	6	0	4	1	5	4	1	0	4	0
96	111	3	3	1	0	2	0	0	1	0	0	0	0	0
96	119	41	15	6	2	0	0	2	5	10	1	7	3	3
96	119288	38	14	6	2	0	0	2	5	9	0	7	2	2
96	119288-014	3	2	1	0	0	0	0	0	0	0	0	0	0
96	120	20	11	1	1	0	1	4	10	1	0	1	0	0
96	120108	19	10	1	1	0	1	4	10	1	0	1	0	0
96	120108-010	3	3	0	0	0	0	1	3	0	0	0	0	0
96	129	1	1	1	0	0	0	0	1	1	0	0	1	1
96	129208	0	0	0	0	0	0	0	0	1	0	0	1	1
96	130	31	17	5	5	1	2	1	3	1	1	1	0	0
96	131	39	12	1	5	0	4	0	2	2	2	2	0	0
96	132	252	134	71	18	1	15	6	29	29	23	6	13	9
96	132088	47	27	14	5	0	4	0	6	2	1	0	1	0
96	132268	48	27	11	4	0	3	2	8	1	1	1	0	0
96	137	44	16	8	6	2	0	7	7	5	1	5	3	3

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120 TABLE 96

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAY OR MOR
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	137288	22	8	3	3	0	0	3	3	2	1	2	3	
96	137288-022	2	2	1	0	0	0	2	0	0	0	0	0	
96	139	65	35	10	15	1	16	1	8	15	11	10	5	
96	139288	57	30	8	12	0	15	1	8	12	9	6	4	
96	141	226	128	67	22	11	14	9	33	42	11	19	22	
96	141081	206	118	62	22	10	14	9	30	39	9	19	20	
96	141081-042	22	19	12	1	3	2	5	3	0	0	0	0	
96	142	120	58	40	5	3	15	2	15	12	2	7	4	
96	142081	81	40	25	4	0	12	2	12	11	2	6	3	
96	142081-018	1	1	1	0	0	1	0	1	0	0	0	0	
96	142081-050	4	3	1	0	0	0	0	0	0	0	0	0	
96	142081-054	1	1	0	0	0	0	0	0	0	0	0	0	
96	143	145	66	17	25	4	11	7	14	7	0	10	0	
96	144	17	6	3	0	1	0	1	5	1	0	1	3	
96	148	4	2	2	0	0	0	1	0	0	0	0	0	
96	149	145	61	49	1	1	2	3	13	23	19	25	2	
96	150	42	19	6	3	0	2	2	9	7	3	3	4	
96	150028	18	4	1	1	-1	0	0	3	3	0	2	3	
96	150028-010	1	1	0	0	0	0	0	1	0	0	0	0	
96	151	34	23	21	0	4	0	3	12	3	0	1	1	
96	152	232	103	28	16	3	10	9	34	17	6	16	2	
96	152048	131	58	5	14	3	5	8	30	9	0	7	1	
96	152048-026	2	2	1	0	0	0	0	1	0	0	0	0	
96	153	224	101	34	14	10	7	8	20	59	17	43	14	
96	153228	196	89	33	12	9	6	7	18	50	17	36	13	
96	153348	7	2	0	0	0	0	1	0	1	0	0	0	
96	159	162	75	25	9	26	7	16	20	19	1	9	17	
96	160	726	385	53	138	4	96	31	64	160	89	49	79	
96	160188	651	347	52	119	4	75	29	56	149	85	43	75	
96	160188-010	67	56	15	16	1	11	8	2	7	4	1	6	
96	160188-038	10	10	1	2	0	0	0	0	2	0	0	2	
96	160288	50	29	0	16	0	18	2	6	5	0	3	1	
96	161	37	20	6	7	2	7	2	4	13	11	1	8	
96	162	351	183	58	66	3	66	4	31	61	32	23	34	
96	162158	287	146	46	47	3	52	2	24	28	23	12	13	
96	162158-014	2	2	0	2	0	2	0	0	0	0	0	0	
96	162158-050	4	3	2	0	0	0	0	0	0	0	0	0	
96	163	494	273	33	137	1	103	4	30	39	23	23	35	
96	163118	481	265	32	132	1	98	4	30	37	21	22	34	
96	163118-026	83	70	10	38	0	28	3	7	1	1	0	1	
96	164	96	50	15	17	3	11	2	8	6	3	3	2	
96	165	206	98	47	20	0	15	3	10	39	8	23	22	
96	165068	192	92	46	19	0	13	1	10	37	8	23	20	
96	165068-018	14	13	3	1	0	2	0	1	2	0	0	2	

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REPORT NO MA5-62

MONTHLY YEAR TO DATE
FOR PERIOD ENDING 04/30/78 PAGE 007

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	166	421	206	92	68	3	50	25	48	156	64	66	60	49
96	168	224	124	41	53	7	37	13	37	83	38	42	52	38
96	168168	139	77	20	35	3	21	6	22	44	17	33	22	16
96	168168-018	0	0	0	0	0	0	0	0	1	0	0	1	0
96	168168-066	1	0	0	0	0	0	0	0	0	0	0	0	0
96	169	1867	970	598	195	29	216	74	212	567	133	372	195	158
96	169168	1779	923	579	182	25	207	72	203	554	126	362	189	152
96	169168-014	130	106	67	20	5	23	6	9	20	4	0	20	1
96	169168-062	53	47	28	6	0	14	1	5	3	1	1	2	0
96	180	6	4	2	0	1	0	1	1	1	0	1	0	0
96	181	4	0	0	0	0	0	0	0	0	0	0	0	0
96	182	122	70	0	37	1	32	1	24	22	12	4	16	13
96	182168	92	53	0	29	1	24	1	20	5	2	2	2	2
96	182168-022	10	9	0	5	0	5	0	0	0	0	0	0	0
96	183	286	179	12	75	6	67	4	21	63	45	17	28	25
96	183118	168	96	3	45	1	39	1	13	21	15	7	12	9
96	183118-010	14	11	1	5	0	3	1	3	0	0	0	0	0
96	183118-014	15	11	0	7	0	4	0	0	3	3	0	4	1
96	183168	117	82	9	30	5	28	3	8	39	29	8	15	15
96	184	189	104	5	62	0	42	5	16	20	13	11	9	9
96	184118	49	24	1	11	0	9	1	3	7	5	4	2	2
96	184168	137	79	4	50	0	32	4	13	13	8	7	3	3
96	184168-114	6	6	0	4	0	2	1	0	0	0	0	0	0
96	185	1057	587	166	155	41	136	32	127	65	18	27	25	19
96	185168	1027	571	156	152	40	132	31	125	62	17	26	24	18
96	185168-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	185168-046	12	9	2	4	1	5	0	1	0	0	0	0	0
96	185168-054	67	56	15	10	5	9	4	11	2	2	0	2	0
96	185168-078	1	1	0	1	0	0	0	1	0	0	0	0	0
96	186	354	202	35	97	1	71	5	35	49	23	20	16	6
96	186118	256	144	22	74	0	54	3	23	34	16	12	12	4
96	186118-014	22	19	2	12	0	10	1	2	3	2	0	3	0
96	186168	75	43	12	18	1	11	2	11	11	3	4	4	2
96	187	983	541	132	173	25	135	55	148	184	95	98	154	142
96	187118	234	111	31	31	5	20	15	29	93	60	25	63	58
96	187118-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	187118-014	11	10	4	1	1	1	3	5	1	0	0	1	0
96	187168	727	422	97	142	20	112	39	116	86	33	73	86	79
96	187168-066	6	5	2	0	0	1	0	2	1	1	0	1	0
96	187168-094	2	2	0	1	1	0	0	0	0	0	0	0	0
96	187168-122	4	4	1	3	0	1	1	1	1	0	0	1	0
96	187168-126	48	39	9	8	1	5	1	8	0	0	0	0	0
96	187168-134	2	2	0	2	0	1	0	0	0	0	0	0	0
96	187168-194	9	8	0	5	1	4	0	2	0	0	0	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS AVAIL-ABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	TOTAL RECEIV-ED	MANDA-TORY OPENING RECEIV-ED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	188	66	30	4	11	0	8	2	8	31	17	8	13	6
96	189	954	490	70	182	23	117	30	85	143	47	68	67	58
96	189118	282	151	11	80	1	77	4	23	16	9	17	15	14
96	189118-010	4	3	0	3	0	2	0	0	0	0	0	0	0
96	189168	641	323	56	97	22	33	26	61	120	33	49	48	41
96	189168-010	1	1	1	0	0	0	0	0	1	0	0	1	0
96	189168-022	4	4	2	1	0	1	0	0	1	1	1	0	0
96	189168-030	2	1	0	0	1	0	0	0	0	0	0	0	0
96	191	44	25	5	7	1	4	1	4	33	2	1	34	33
96	193	53	19	1	18	4	1	3	7	4	1	4	1	[illegible]
96	194	14	6	0	1	2	0	0	1	2	0	0	1	[illegible]
96	195	1330	649	400	80	30	104	175	236	589	62	535	348	305
96	195108	804	322	196	43	12	30	56	110	414	50	363	289	250
96	195108-010	15	13	6	1	3	0	2	3	4	2	1	3	[illegible]
96	195108-034	1	0	0	0	0	0	0	0	1	0	0	1	[illegible]
96	195108-038	17	12	7	3	1	3	1	7	3	0	1	2	[illegible]
96	195168	308	202	133	19	9	57	101	70	51	2	59	26	[illegible]
96	196	16	8	0	6	1	1	0	0	40	40	0	1	
96	197	15	10	0	6	0	6	0	4	1	0	0	1	
96	198	5	2	1	0	0	0	0	1	0	0	0	0	[illegible]
96	199	113	44	16	12	1	5	7	8	79	34	50	31	[illegible]
96	201	2306	1238	1213	16	93	267	116	453	804	412	262	380	[illegible]
96	201368	2270	1224	1201	16	92	263	115	444	790	405	260	373	28
96	201368-010	26	21	21	0	2	5	0	1	19	14	1	18	
96	201368-014	28	22	22	0	2	4	1	4	4	1	0	4	
96	201368-018	273	222	219	4	22	46	14	52	54	33	4	51	
96	202	45	26	22	2	1	7	5	16	133	70	19	77	6
96	202388	41	22	20	1	1	6	5	14	132	69	19	75	5
96	202388-010	1	1	1	0	0	0	0	1	2	2	0	2	
96	202388-014	9	6	6	0	1	2	1	1	13	2	0	13	
96	202388-018	0	0	0	0	0	0	0	0	1	0	0	1	
96	203	223	109	95	9	13	16	24	56	225	135	42	125	9
96	203588	200	99	88	8	13	13	22	49	218	131	42	117	9
96	203588-018	11	8	8	0	0	0	0	3	20	7	2	18	
96	204	30	16	10	2	0	3	3	4	10	7	2	6	
96	205	87	45	29	11	1	7	7	18	24	16	9	15	1
96	206	891	619	589	6	138	63	339	554	101	40	85	26	1
96	206388	765	523	495	6	128	49	294	463	101	40	84	25	1
96	206388-018	31	23	22	0	6	4	9	13	10	3	0	10	
96	206388-034	1	1	1	0	0	1	0	1	0	0	0	0	
96	207	44	20	11	4	4	3	5	13	13	7	8	8	
96	208	46	28	26	1	4	6	7	14	15	7	6	8	
96	208588	28	16	15	1	0	3	3	9	7	4	3	3	
96	209	6173	2944	2698	141	747	475	622	1593	3611	1808	1685	2067	189

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	209388	3545	1802	1702	68	419	284	365	972	2734	1573	988	1827	1686
96	209388-022	352	287	268	8	127	34	39	103	135	67	3	133	15
96	209588	2481	1063	939	62	313	172	244	586	832	224	670	229	194
96	209588-014	1	1	1	0	0	0	0	1	0	0	0	0	0
96	210	1086	601	504	34	26	195	41	195	313	61	132	121	95
96	210368	33	19	18	0	2	4	1	2	3	2	1	0	0
96	210388	1031	569	478	33	22	188	38	191	307	58	128	121	95
96	210388-014	10	9	7	0	2	1	3	2	1	0	0	1	0
96	210388-022	81	69	56	3	2	20	5	19	15	1	0	18	4
96	211	2132	1046	944	35	457	131	163	462	596	124	288	244	141
96	211368	1130	545	491	17	209	69	110	269	291	43	139	107	61
96	211468	944	471	427	17	233	56	48	187	303	81	141	137	80
96	211468-010	142	123	114	4	83	8	7	27	20	7	7	13	0
96	212	252	151	105	10	31	18	17	49	122	93	40	60	53
96	212368	230	143	100	10	31	17	17	47	119	90	40	59	52
96	212368-010	41	37	27	0	10	4	2	5	7	7	0	7	0
96	213	804	453	336	56	33	39	103	232	378	235	116	254	217
96	213382	270	145	53	47	14	10	23	45	133	87	36	107	99
96	213582	479	279	265	4	17	24	76	179	208	121	67	127	104
96	214	46	27	23	1	4	10	6	12	19	7	13	7	6
96	215	110	68	59	7	4	17	9	34	22	9	5	17	12
96	215388	33	25	23	1	1	4	3	19	5	2	2	4	2
96	215388-010	2	1	0	1	0	0	0	0	1	1	0	1	0
96	215488	76	43	36	6	3	13	6	15	17	7	3	13	10
96	216	92	54	45	3	5	16	10	19	11	7	6	4	3
96	217	22	15	12	2	0	3	4	10	20	19	4	1	1
96	219	3779	1964	1715	117	391	380	259	848	859	283	510	411	337
96	219388	2798	1465	1312	84	314	262	207	690	637	167	436	303	258
96	219388-026	11	10	8	0	3	1	0	1	5	2	1	4	0
96	219388-038	1	1	1	0	0	1	0	0	1	0	0	1	1
96	219388-066	259	210	193	6	84	33	14	82	41	9	8	33	0
96	219488	763	376	304	25	53	88	41	113	177	101	59	85	58
96	219488-010	58	50	42	2	11	9	9	13	25	13	0	25	1
96	219488-034	4	3	3	0	0	2	0	0	0	0	0	0	0
96	219488-046	1	1	0	0	1	0	0	0	0	0	0	0	0
96	219488-058	1	1	0	1	0	0	0	0	0	0	0	0	0
96	221	109	58	18	19	3	9	3	20	29	17	11	16	12
96	221368	3	1	1	0	0	0	0	1	0	0	0	0	0
96	222	1526	708	62	226	158	112	121	253	384	107	278	1150	1115
96	222387	1090	533	28	173	126	75	98	184	243	76	170	125	99
96	222387-026	90	69	2	17	22	11	10	13	25	11	4	67	46
96	222587	139	73	11	22	16	12	14	34	28	12	18	1006	1005
96	222587-042	6	6	1	3	1	1	1	2	1	0	0	1	0
96	223	1628	689	145	183	242	87	96	252	706	190	459	164	107

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	223387	1171	486	74	122	206	47	77	177	459	144	282	115	66
96	223387-010	1	1	0	1	0	1	0	0	3	1	0	3	0
96	223387-054	3	2	1	0	2	0	0	0	0	0	0	0	0
96	223387-094	101	91	13	11	63	5	6	16	19	8	2	18	1
96	224	5	3	0	1	1	1	0	0	0	0	1	0	0
96	229	12	6	0	4	1	2	0	0	3	0	0	2	2
96	230	121	70	19	17	26	10	19	30	35	18	23	19	17
96	230878	113	64	18	14	25	10	18	27	33	16	22	19	17
96	231	305	174	47	57	32	35	45	79	77	47	47	20	14
96	231368	1	1	0	0	0	0	1	1	0	0	0	0	0
96	232	70	36	6	20	0	8	6	11	2	1	2	0	0
96	233	86	44	4	29	3	13	4	13	1	1	16	1	1
96	234	9	7	6	2	2	2	1	3	0	0	0	0	0
96	235	408	234	222	8	23	59	51	159	70	29	33	26	20
96	235862	375	218	208	5	19	53	49	151	66	27	32	26	20
96	235862-010	3	3	3	0	1	0	0	1	1	0	0	1	0
96	235862-018	2	2	2	0	0	0	0	2	0	0	0	0	0
96	235862-022	1	1	1	0	0	0	0	0	0	0	0	0	0
96	235862-026	24	18	17	1	2	7	1	11	5	1	0	5	0
96	236	7	4	3	1	2	0	2	2	0	0	0	0	0
96	237	838	464	446	6	109	80	69	192	179	77	90	62	47
96	237368	804	442	426	6	104	74	62	186	177	77	88	61	46
96	237368-014	2	2	2	0	1	0	0	0	0	0	0	0	0
96	237368-018	1	1	1	0	0	0	0	0	0	0	0	0	0
96	237368-022	3	3	2	0	1	0	1	0	1	0	0	1	0
96	237368-038	80	71	70	0	23	11	7	17	17	7	4	12	1
96	239	270	27	10	5	1	3	3	13	310	304	305	13	10
96	240	59	35	21	4	5	5	3	11	50	42	22	16	12
96	240368	23	15	4	3	2	2	2	2	6	4	2	2	2
96	240388	30	15	14	0	3	3	1	7	43	37	20	12	[illegible]
96	241	58	23	8	7	1	5	3	6	9	4	3	5	4
96	242	57	31	19	6	9	5	2	9	23	3	12	14	14
96	242368	57	31	19	6	9	5	2	9	22	3	12	11	11
96	243	24	13	9	1	1	4	4	5	19	8	13	8	[illegible]
96	249	523	257	201	16	38	47	44	95	249	56	189	84	[illegible]
96	249268	39	20	18	1	1	5	5	8	67	3	61	9	
96	249268-014	1	1	1	0	0	0	0	0	1	0	0	1	[illegible]
96	249368	373	193	159	12	32	31	33	72	141	43	88	66	[illegible]
96	249368-010	1	1	1	0	0	0	1	0	0	0	0	0	[illegible]
96	249368-022	2	1	1	0	0	0	0	0	0	0	0	0	[illegible]
96	249368-026	0	0	0	0	0	0	0	0	1	0	0	1	
96	249368-030	3	2	2	0	0	0	0	1	0	0	0	0	
96	249368-082	2	2	2	0	0	0	0	1	2	0	0	2	
96	250	229	131	32	40	0	30	11	51	64	43	12	26	2

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS UNDER 22	AGE GROUPS 45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN TOTAL	UNFILLED OPEN 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	250258	114	57	8	23	0	13	9	22	51	35	8	21	19
96	250258-014	8	6	0	0	0	2	1	1	3	3	1	2	0
96	250358	95	60	21	13	0	15	2	28	9	5	1	4	1
96	250358-026	13	12	7	0	0	2	0	8	0	0	0	0	0
96	251	12	8	1	2	0	2	1	2	0	0	0	0	0
96	252	37	24	5	11	0	8	2	9	13	6	4	7	7
96	252358	29	21	3	11	0	8	1	8	10	4	2	6	6
96	252358-014	2	2	0	1	0	2	0	1	0	0	0	0	0
96	252358-022	1	1	0	0	0	0	0	0	0	0	0	0	0
96	253	10	6	3	1	0	0	0	3	1	0	0	1	0
96	254	14	10	6	1	0	1	1	3	1	0	0	1	0
96	255	9	4	1	2	0	2	0	1	2	1	0	1	1
96	256	2	1	0	0	1	0	0	0	4	1	4	0	0
96	257	4	2	1	0	0	0	0	0	0	0	0	0	0
96	258	51	31	10	13	1	10	1	6	2	1	0	1	1
96	258358	43	27	8	13	1	9	0	5	2	1	0	1	1
96	258358-010	4	4	1	3	1	3	0	1	0	0	0	0	0
96	259	16	11	3	6	0	2	2	1	0	0	0	0	0
96	260	9	3	1	2	1	2	1	1	0	0	0	0	0
96	261	5	2	1	1	0	0	0	1	0	0	0	0	0
96	262	69	41	5	22	0	15	3	10	17	7	3	10	8
96	263	543	212	153	17	42	59	29	92	252	5	207	36	29
96	263358	348	101	65	13	21	26	12	44	224	2	199	21	17
96	263358-010	1	1	0	1	0	1	0	0	0	0	0	0	0
96	263358-018	1	1	0	0	1	0	0	0	2	0	0	2	0
96	263358-022	1	1	0	0	0	1	0	0	0	0	0	0	0
96	263358-030	3	2	1	0	1	1	0	2	0	0	0	0	0
96	263358-038	1	1	1	0	0	1	0	0	0	0	0	0	0
96	263458	181	105	83	4	20	32	15	44	27	2	8	15	12
96	263458-018	2	2	2	0	0	1	0	0	0	0	0	0	0
96	263458-022	14	13	11	0	6	3	1	6	1	0	0	1	0
96	264	6	1	0	0	0	0	0	0	1	0	0	1	0
96	265	18	12	0	5	0	5	0	6	0	0	1	0	0
96	266	66	39	27	6	3	12	3	14	8	2	2	2	2
96	267	8	5	0	1	0	3	0	0	2	2	1	2	0
96	268	1	1	0	0	0	0	0	0	1	1	0	1	1
96	270	3	3	1	1	0	2	1	1	0	0	0	0	0
96	271	1	0	0	0	0	0	0	0	2	1	0	1	0
96	273	13	7	0	3	0	3	0	1	0	0	0	0	0
96	274	62	37	13	11	1	17	3	14	7	0	3	1	1
96	274358	61	36	13	11	1	17	3	14	7	0	3	1	1
96	275	3	2	1	0	0	0	0	1	0	0	0	0	0
96	276	115	54	3	31	2	24	1	17	15	3	3	6	5
96	276358	94	47	3	27	2	20	1	14	14	2	3	6	5

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	276358-010	2	2	0	1	0	0	0	1	0	0	0	0	0
96	276358-026	3	3	1	1	0	0	0	1	0	0	0	0	0
96	277	5	1	1	1	-1	0	1	1	0	0	1	0	0
96	278	53	36	3	18	4	8	1	10	24	10	8	13	10
96	278358	42	28	3	15	3	7	1	9	20	7	8	9	6
96	278358-030	3	1	0	1	0	1	0	1	0	0	0	0	0
96	280	182	96	4	39	4	18	5	27	5	0	2	4	3
96	280358	167	88	4	33	3	16	5	25	4	0	1	4	3
96	280358-014	8	7	1	0	0	2	0	2	1	0	0	1	0
96	280358-034	1	1	0	0	0	0	0	0	0	0	0	0	0
96	281	60	32	2	8	1	8	1	10	6	1	1	6	6
96	281358	49	26	2	7	1	5	0	6	4	1	1	5	5
96	281358-010	2	2	0	0	1	0	0	0	0	0	0	0	0
96	281358-026	2	2	0	0	0	0	0	0	0	0	0	2	2
96	282	40	28	1	13	1	6	2	5	0	0	0	0	0
96	283	46	19	13	3	4	3	2	8	6	1	5	6	6
96	284	9	5	0	2	1	2	0	1	1	0	1	0	0
96	285	16	8	2	2	1	2	1	2	3	0	1	2	1
96	286	37	16	4	1	6	2	1	6	2	1	0	2	2
96	287	13	6	2	0	0	1	1	2	3	0	1	1	1
96	289	2724	1002	547	158	261	202	78	352	1647	145	1176	298	239
96	289358	767	364	111	93	48.	75	28	112	253	23	163	64	47
96	289358-014	29	25	7	7	7	2	1	5	3	2	1	2	0
96	289358-018	7	7	1	2	1	3	0	1	1	0	0	1	1
96	289358-042	3	2	0	0	1	0	0	1	1	0	0	1	0
96	289458	1767	555	403	35	191	108	48	212	1343	118	965	227	185
96	289458-014	114	94	74	4	48	13	2	29	33	1	2	31	0
96	289485	2	0	0	0	0	0	0	0	0	0	0	0	0
96	290	658	323	230	26	94	74	38	150	219	39	137	55	51
96	290468	32	16	9	0	3	2	0	8	6	0	3	2	1
96	290468-010	0	0	0	0	0	0	0	0	1	0	0	1	0
96	290478	478	233	190	8	75	49	28	114	182	27	125	45	[illegible]
96	290478-014	58	48	41	1	14	12	1	27	1	0	0	1	0
96	290877	72	36	13	9	11	10	3	13	23	10	6	4	2
96	291	38	22	8	2	12	5	1	5	3	0	2	1	1
96	292	170	78	8	37	7	22	9	29	30	7	20	9	5
96	292358	137	62	5	32	6	16	7	24	18	7	8	9	5
96	293	87	45	30	5	12	13	7	16	142	96	25	114	[illegible]
96	293358	86	45	30	5	12	13	7	16	140	95	24	113	[illegible]
96	293358-030	3	3	1	0	2	1	0	0	75	63	0	75	[illegible]
96	294	2	0	0	0	0	0	0	0	1	0	0	1	[illegible]
96	296	2	1	1	0	0	0	0	0	0	0	0	0	[illegible]
96	297	20	11	10	1	2	4	2	3	2	0	3	1	[illegible]
96	298	23	12	4	5	1	3	0	6	2	2	2	0	[illegible]

SMSA 1120
REPORT NO MA5-62

MONTHLY YEAR TO DATE
FOR PERIOD ENDING 04/30/78

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS UNDER 22	AGE GROUPS 45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN TOTAL	UNFILLED OPEN 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	299	539	251	169	28	59	43	31	118	334	90	206	103	98
96	299138	92	45	23	11	5	14	1	7	6	0	5	0	0
96	299138-014	1	1	0	1	0	0	0	0	0	0	0	0	0
96	299468	241	107	94	2	35	12	17	71	114	82	92	13	9
96	299468-010	26	21	17	0	7	3	0	15	5	3	3	2	0
96	301	101	51	43	3	3	21	34	34	572	0	569	21	21
96	302	15	10	8	0	1	3	3	7	1	0	0	1	1
96	303	75	38	36	2	3	13	12	30	46	3	21	19	8
96	303138	69	35	34	1	3	13	10	27	46	3	21	19	8
96	304	46	23	7	4	7	7	8	16	14	1	10	6	4
96	304887	46	23	7	4	7	7	8	16	14	1	10	6	4
96	304887-010	6	6	0	0	3	1	1	5	1	0	1	0	0
96	305	4	3	2	0	0	1	1	2	1	0	1	0	0
96	305281	3	2	1	0	0	1	1	1	1	0	1	0	0
96	306	558	323	308	5	35	105	143	233	265	18	142	104	81
96	306878	542	312	299	4	34	101	136	227	262	18	140	102	79
96	306878-010	36	30	30	1	7	10	3	15	22	4	7	15	0
96	307	147	65	61	0	28	13	20	44	59	1	53	5	4
96	307878	144	64	61	0	28	13	19	43	59	1	53	4	3
96	309	30	17	14	2	1	6	4	14	14	0	5	12	11
96	309878	26	13	11	1	1	6	2	10	14	0	5	11	10
96	309878-018	3	3	3	0	1	1	0	1	1	0	0	1	0
96	309999	1	1	1	0	0	0	0	1	0	0	0	0	0
96	310	118	68	59	2	11	17	4	30	32	9	13	21	21
96	311	3571	1913	1603	45	486	336	152	1195	1078	195	645	500	368
96	311878-010	35	33	8	1	30	0	2	5	29	2	2	27	0
96	311878-022	41	37	27	0	18	3	0	16	35	4	2	33	3
96	311878-026	34	29	19	0	23	1	1	9	28	3	0	28	0
96	311878-050	36	30	26	0	16	4	1	8	0	0	0	0	0
96	311878-058	96	92	89	0	19	11	1	65	34	0	15	19	4
96	311878-074	15	15	15	0	5	0	0	9	4	0	0	4	0
96	312	498	286	85	76	13	56	11	123	34	0	24	12	10
96	312878	473	267	82	71	10	53	10	115	34	0	24	12	10
96	312878-014	29	25	10	5	2	1	0	12	2	0	1	1	0
96	313	884	476	74	161	85	130	112	129	189	41	94	68	54
96	313131-010	11	11	1	5	1	6	1	2	2	0	2	0	0
96	313131-014	1	1	0	0	0	0	0	0	0	0	0	0	0
96	313381	671	366	59	118	73	90	98	95	152	35	78	57	47
96	313381-018	49	41	6	16	14	9	3	10	11	3	1	10	0
96	313884	1	1	1	0	0	1	0	0	0	0	0	0	0
96	313887	16	9	1	4	4	3	2	6	3	0	3	0	0
96	314	508	241	54	47	104	35	50	115	148	32	75	53	38
96	314381	438	209	47	40	91	27	44	100	132	30	69	46	34
96	314381-010	30	28	5	3	14	4	3	8	17	3	1	16	4

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120
APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE								NONAGRICULTURAL OPENINGS				
				TOTAL	FEMALE	VETERAN	AGE GROUPS UNDER 22	AGE GROUPS 45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN TOTAL	UNFILLED OPEN 30 DAYS OR MORE
A	B		C	D	E	F	G	H	I	J	K	L	M	N	O
96	314781		56	23	4	5	10	5	2	7	13	1	6	5	2
96	314878		2	1	0	0	1	0	1	1	0	0	0	0	0
96	315		176	94	42	26	13	30	20	56	40	7	22	17	11
96	315381-010		9	8	4	0	0	3	0	7	7	1	0	7	3
96	315381-014		1	1	1	0	0	0	1	1	1	0	1	0	0
96	316		271	152	8	40	10	45	35	61	40	5	16	11	7
96	316884		256	143	7	37	10	43	35	55	40	5	16	11	7
96	316884-018		17	12	0	4	1	3	0	5	0	0	0	0	0
96	317		161	84	45	9	26	12	15	35	53	15	28	21	15
96	317884-018		1	1	0	0	1	0	0	1	1	1	0	1	0
96	317884-022		5	5	2	0	5	0	0	1	0	0	0	0	0
96	317887		71	29	14	5	8	3	2	12	16	2	10	6	3
96	318		1705	744	183	133	289	168	210	334	2021	213	1789	203	151
96	318887		1639	704	170	127	277	156	196	305	2011	212	1780	202	15
96	318887-010		154	140	26	10	96	19	14	39	108	8	66	42	1
96	319		117	63	43	5	10	17	19	29	31	15	26	2	2
96	320		19	7	1	2	0	2	1	1	5	0	4	0	
96	321		104	68	51	6	4	23	31	43	47	9	16	38	2
96	323		374	197	170	11	37	40	106	128	139	60	88	67	5
96	323887		353	188	162	10	35	40	102	121	139	60	88	67	5
96	323887-014		17	11	11	0	5	3	4	5	13	5	3	10	
96	323887-018		6	6	6	0	2	2	2	3	1	0	0	1	
96	324		16	8	1	3	1	4	1	4	7	2	5	0	
96	329		11	5	0	1	1	2	1	4	0	0	0	0	
96	330		52	37	21	8	0	6	6	30	1	0	1	1	
96	331		11	7	7	0	1	1	0	5	0	0	0	0	
96	332		464	290	236	23	40	30	35	183	21	1	7	10	
96	332271		445	278	227	21	39	28	32	174	18	1	7	6	
96	332271-010		30	28	23	2	6	2	2	16	0	0	0	0	
96	332271-018		21	15	12	2	1	0	1	10	2	0	0	2	
96	333		2	2	2	0	0	0	0	2	0	0	0	0	
96	335		8	6	5	0	0	2	0	4	3	0	0	4	
96	338		4	2	2	0	0	1	0	2	0	0	0	0	
96	339		6	2	0	0	0	0	0	1	0	0	0	0	
96	340		10	6	4	3	1	1	1	3	1	0	0	1	
96	341		3	1	0	0	0	0	0	0	2	0	0	2	
96	342		174	80	8	6	58	2	1	13	29	26	153	104	1
96	343		11	4	0	2	2	0	0	1	2	0	0	4	
96	344		1	0	0	0	0	0	0	0	0	0	0	0	
96	346		14	9	0	0	5	1	0	2	6	0	3	2	
96	349		1	0	0	0	0	0	0	0	0	0	0	0	
96	350		9	6	4	1	0	1	0	2	2	0	2	0	
96	351		20	12	10	2	1	2	1	2	0	0	0	1	
			1	1	0	0	0	0	0	1	0	0	0	0	

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	352	23	17	13	0	1	3	5	10	5	2	3	1	0
96	352878	14	11	9	0	1	2	4	6	0	0	0	0	0
96	352878-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	353	14	9	4	2	1	2	0	1	6	0	4	3	3
96	354	104	61	57	2	2	18	14	47	48	16	25	34	34
96	354878-010	1	1	1	0	0	1	0	0	14	14	0	14	14
96	354878-014	5	5	5	0	0	1	0	4	0	0	0	0	0
96	354878-018	0	0	0	0	0	0	0	0	1	0	1	0	0
96	354878-022	5	4	4	0	0	1	0	4	0	0	0	0	0
96	355	2190	1302	1148	75	189	204	533	971	360	50	258	126	104
96	355878	2150	1274	1126	74	185	198	519	949	349	48	253	124	102
96	355878-010	3	2	1	0	1	0	0	1	0	0	0	0	0
96	355878-014	2	1	0	0	0	0	0	1	0	0	0	0	0
96	355878-018	14	11	11	0	4	0	1	7	0	0	0	0	0
96	355878-034	160	140	131	4	34	15	17	92	18	0	2	16	0
96	355878-038	5	4	1	2	1	1	0	1	2	0	0	2	0
96	356	101	53	32	5	17	3	6	19	8	1	6	4	4
96	356874-010	4	4	3	0	0	0	0	1	0	0	0	0	0
96	356874-042	2	2	1	0	1	0	0	0	0	0	0	0	0
96	357	10	5	2	0	0	0	2	3	0	0	0	0	0
96	358	183	111	89	3	70	24	15	24	200	189	42	192	190
96	359	795	367	305	15	84	54	127	193	420	260	342	90	86
96	359878	770	353	293	14	84	51	122	183	419	260	340	90	86
96	359878-014	43	39	35	1	28	1	3	16	3	0	1	2	0
96	359878-022	1	1	1	0	0	0	1	1	1	0	0	1	1
96	359878-026	21	17	16	0	7	1	3	6	1	0	0	1	0
96	361	156	98	63	1	17	27	56	70	58	8	31	20	10
96	361884	15	11	7	0	2	2	5	8	0	0	0	1	1
96	361885	62	33	20	0	6	12	21	19	16	3	8	7	4
96	361886	2	1	0	0	0	0	1	1	0	0	1	0	0
96	361887	67	47	34	1	8	12	27	37	32	4	21	5	5
96	362	16	9	4	1	2	2	3	5	5	2	1	5	5
96	363	164	95	57	12	5	30	55	59	51	3	17	48	39
96	363782	91	55	30	8	3	15	31	31	30	2	9	36	29
96	363782-010	0	0	0	0	0	0	0	0	3	1	1	2	0
96	363782-018	3	3	1	1	0	0	2	2	3	0	0	4	1
96	363884	40	21	15	2	1	6	13	16	11	1	6	4	2
96	363884-022	1	1	1	0	0	0	1	1	1	0	0	1	0
96	363885	24	14	8	2	0	6	7	7	8	0	1	5	5
96	363886	3	1	1	0	0	0	1	1	0	0	0	0	0
96	363887	1	1	0	0	1	0	1	1	0	0	0	0	0
96	364	1	0	0	0	0	0	0	0	0	0	0	0	0
96	365	10	7	1	2	1	3	0	2	6	0	0	5	2
96	365381-014	1	1	0	0	0	0	0	1	0	0	0	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	366	2	1	1	0	0	0	1	0	0	0	0	0	0
96	369	108	77	55	8	7	22	35	52	17	3	15	7	6
96	371	67	46	43	0	1	17	2	9	2	2	1	0	0
96	372	1004	489	49	231	53	114	107	154	774	238	440	380	26
96	372868	934	453	46	214	51	107	103	144	633	228	398	273	18
96	372868-014	1	1	0	1	0	0	0	0	0	0	0	0	[illegible]
96	372868-018	3	2	0	2	0	0	1	1	0	0	0	0	[illegible]
96	372868-030	67	50	2	17	6	13	7	10	44	9	8	36	[illegible]
96	372868-054	8	7	0	5	0	3	0	4	19	0	0	19	[illegible]
96	373	62	35	1	29	8	4	3	9	5	4	1	4	[illegible]
96	375	126	75	26	35	9	9	6	33	3	1	3	5	[illegible]
96	375268	87	50	13	29	6	3	5	18	1	1	0	1	[illegible]
96	375268-030	5	5	0	4	1	0	0	0	0	0	0	0	[illegible]
96	376	61	32	5	15	6	6	5	13	13	1	6	12	[illegible]
96	377	9	6	1	0	1	0	0	2	1	0	1	0	[illegible]
96	378	3	2	0	1	1	0	1	0	2	0	2	0	[illegible]
96	379	250	171	71	7	125	2	7	21	482	462	35	473	1
96	381	1809	860	171	133	305	190	237	431	861	209	577	276	20
96	381887-014	17	16	15	0	5	3	3	10	7	1	0	7	[illegible]
96	381887-026	90	80	4	10	50	8	9	17	37	7	8	29	
96	382	680	330	12	110	70	89	104	148	335	116	235	116	7
96	382884	587	292	11	99	61	82	82	128	298	98	205	106	6
96	388	37	20	6	8	2	7	9	11	10	5	9	2	
96	389	74	45	2	11	6	6	15	23	19	1	19	11	
96	401	2	1	0	0	0	0	1	0	0	0	0	0	
96	402	4	2	1	0	0	0	2	1	0	0	0	0	
96	403	10	7	1	1	4	1	2	5	0	0	0	0	
96	403887	6	6	1	0	4	1	1	5	0	0	0	0	
96	404	38	16	1	2	2	4	4	10	0	0	0	0	
96	405	7	4	0	0	0	0	3	3	0	0	0	0	
96	406	76	38	9	6	10	11	4	5	6	1	2	4	
96	406884	13	5	1	2	2	2	1	1	3	0	0	3	
96	406887	51	26	7	4	7	8	2	3	1	0	1	0	
96	407	1421	1045	252	68	737	47	75	177	539	317	299	748	73
96	407884	147	79	12	17	30	11	18	26	35	1	32	17	1
96	407887	945	783	228	27	649	18	43	104	477	301	245	679	67
96	407887-018	87	81	19	2	71	4	4	5	0	0	0	0	
96	407999	2	0	0	0	0	0	0	0	9	9	9	0	
96	409	14	9	1	1	1	1	1	2	0	0	0	0	
96	411	3	0	0	0	0	0	0	0	0	0	0	0	
96	412	1	1	1	0	1	0	0	1	0	0	0	0	
96	413	4	1	0	1	0	0	0	0	0	0	0	0	
96	419	20	9	3	1	2	2	2	2	6	0	0	6	
96	421	20	14	4	0	1	4	12	14	0	0	0	0	

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120 TABLE 96

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAY OR MOF
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	422	3	1	0	0	1	0	0	1	0	0	0	0	
96	423	1	1	0	1	0	1	0	1	0	0	0	0	
96	424	29	16	0	8	3	3	0	4	1	0	1	0	
96	429	2	1	0	0	0	0	1	0	0	0	0	0	
96	431	51	32	0	8	4	7	1	20	0	0	0	0	
96	432	3	2	0	0	0	2	0	0	0	0	0	0	
96	433	0	0	0	0	0	0	0	0	2	0	0	0	
96	436	6	4	0	2	0	1	1	2	0	0	0	0	
96	439	1	1	0	1	0	0	0	1	2	0	0	2	
96	441	25	11	4	4	5	2	1	3	12	3	28	2	
96	441887	3	1	1	1	0	1	1	1	0	0	0	0	
96	442	3	1	0	0	0	1	0	1	0	0	0	0	
96	449	10	7	0	1	1	0	0	1	1	0	2	2	
96	451	0	0	0	0	0	0	0	0	1	0	0	1	
96	465	1	1	0	0	0	0	0	0	6	0	1	6	
96	500	61	36	6	8	6	6	16	12	15	9	8	5	
96	501	7	2	1	1	0	0	0	2	1	0	1	0	
96	502	6	2	0	2	0	0	1	1	0	0	0	1	
96	503	29	14	1	1	2	2	6	6	5	5	5	1	
96	504	11	8	2	2	0	1	1	4	1	1	1	0	
96	505	7	3	1	1	0	1	0	0	0	0	0	0	
96	509	7	6	2	2	1	1	4	2	1	0	0	1	
96	509886	2	2	0	1	0	0	1	1	1	0	0	1	
96	510	1	0	0	0	0	0	0	0	0	0	0	0	
96	511	3	2	1	0	0	0	0	2	0	0	0	0	
96	512	2	1	0	0	0	0	0	0	1	1	1	0	
96	513	4	3	2	0	0	1	2	1	C	0	0	0	
96	514	6	2	0	0	0	0	2	0	1	0	1	0	
96	515	1	0	0	0	0	0	0	0	1	1	1	0	
96	518	24	14	0	6	1	2	4	7	1	0	0	1	
96	518381	13	9	0	5	1	0	2	6	1	0	0	1	
96	519	21	10	0	1	0	0	4	6	19	0	18	4	
96	520	31	17	3	4	0	5	4	7	4	0	3	2	
96	521	25	16	1	5	4	5	4	10	5	0	2	0	
96	522	12	5	0	3	0	3	0	4	0	0	0	1	
96	523	3	2	1	0	0	1	1	1	1	0	0	1	
96	524	15	11	4	1	3	3	1	2	1	0	2	0	
96	525	94	63	34	11	8	16	9	45	15	1	7	9	
96	525887	13	8	2	2	1	2	3	2	8	0	3	5	
96	526	216	127	14	38	20	28	26	45	53	11	20	19	
96	526781-010	7	7	0	3	0	1	1	4	3	0	0	3	
96	526884	14	6	0	1	0	1	1	2	3	0	1	2	
96	526885	14	9	0	4	4	2	1	5	7	0	1	5	
96	526886	61	35	6	11	11	7	9	10	22	7	11	4	

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	526887	1	0	0	0	0	0	0	0	0	0	0	0	0
96	529	124	73	29	16	9	16	28	46	29	8	22	7	6
96	529687	2	1	0	0	0	0	0	1	0	0	0	0	0
96	529884	1	1	0	0	0	1	0	1	0	0	0	0	0
96	529886	52	31	19	2	3	3	16	25	12	4	8	2	1
96	530	4	2	0	0	2	0	0	0	1	0	1	0	0
96	533	1	0	0	0	0	0	0	0	0	0	0	0	0
96	534	4	3	0	1	2	0	0	1	1	0	0	0	0
96	535	1	1	0	0	0	0	0	1	0	0	0	0	0
96	539	9	5	1	3	1	0	1	3	0	0	2	0	0
96	540	1	0	0	0	0	0	0	0	0	0	0	0	0
96	542	3	0	0	0	0	0	0	1	0	0	0	0	0
96	549	3	1	0	1	0	0	0	0	0	0	0	0	0
96	550	67	40	3	9	3	9	13	16	15	8	7	11	8
96	551	6	6	1	1	2	1	0	1	7	5	5	3	3
96	553	13	9	2	5	1	5	1	5	0	0	0	0	0
96	554	17	9	1	3	2	2	1	3	4	3	2	7	7
96	555	7	2	1	2	0	1	0	2	1	1	0	0	0
96	556	64	31	17	7	5	6	8	19	35	15	11	20	11
96	556782	23	13	8	3	2	3	5	10	27	12	6	19	10
96	556885	21	8	7	0	2	0	2	6	7	2	5	1	1
96	557	23	10	1	4	1	1	0	3	8	4	5	3	3
96	558	11	6	0	2	0	3	1	0	3	3	2	1	0
96	559	70	34	4	11	7	11	7	10	34	25	18	3	2
96	559782	18	7	0	3	1	2	0	2	6	5	5	1	1
96	562	1	0	0	0	0	0	0	0	0	0	0	0	0
96	569	2	1	0	1	1	0	0	1	2	2	2	0	0
96	570	7	3	1	2	0	0	1	1	1	0	0	1	0
96	575	18	10	1	1	3	1	2	4	1	0	0	1	1
96	579	32	23	2	4	6	5	3	16	22	1	13	11	5
96	580	4	3	0	0	1	0	2	0	0	0	0	1	1
96	581	5	3	1	0	0	1	1	2	1	0	1	0	0
96	582	13	6	1	4	0	2	2	5	1	1	1	1	1
96	583	32	14	3	5	2	5	2	5	2	0	3	1	1
96	584	24	11	5	2	2	5	2	6	3	2	3	0	0
96	585	39	11	4	1	1	3	1	4	12	1	5	10	8
96	586	3	2	0	2	1	0	0	2	0	0	0	0	0
96	587	3	1	0	0	0	0	0	1	0	0	0	0	0
96	589	192	90	28	21	15	17	26	56	23	2	15	4	3
96	589885	28	11	5	2	0	6	4	7	4	0	0	2	2
96	590	26	12	2	2	1	2	3	7	4	1	3	1	1
96	599	48	18	5	7	2	9	4	4	4	3	2	3	2
96	600	567	277	20	114	26	80	41	87	281	132	139	122	86
96	600280	479	235	10	102	23	65	30	73	240	120	116	102	77

SMSA 1120

REPORT NO MA5-62

MONTHLY YEAR TO DATE

FOR PERIOD ENDING 04/30/78 PAGE 019

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE: TOTAL	ACTIVE FILE: FEMALE	ACTIVE FILE: VETERAN	ACTIVE FILE: AGE GROUPS: UNDER 22	ACTIVE FILE: AGE GROUPS: 45 AND OLDER	ACTIVE FILE: MINORITY	ACTIVE FILE: ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	NONAGRICULTURAL OPENINGS: MANDATORY OPENING RECEIVED	NONAGRICULTURAL OPENINGS: OPENING FILLED	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: TOTAL	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	600280-030	30	22	0	9	1	6	0	3	13	6	1	12	0
96	600380	59	26	6	4	3	7	7	9	35	9	19	18	8
96	601	54	28	2	13	3	11	2	12	36	18	13	26	20
96	601280	32	16	0	7	1	7	1	6	29	14	10	23	18
96	601280-062	2	1	0	1	0	0	0	0	2	2	0	2	0
96	601885	2	0	0	0	0	0	0	0	0	0	0	0	0
96	602	6	4	0	0	0	1	0	3	6	6	1	5	4
96	602885	2	2	0	0	0	1	0	1	1	1	0	1	0
96	603	50	29	3	9	2	8	10	16	17	9	6	8	6
96	603280	10	4	1	2	0	1	2	2	7	6	0	5	3
96	603782	22	16	1	5	1	4	4	8	6	0	4	1	1
96	603885	16	8	1	2	1	3	4	6	4	3	2	2	2
96	604	94	53	4	13	5	11	8	21	75	46	27	55	46
96	604280	8	4	0	1	0	0	1	1	11	9	1	9	9
96	604380	27	17	0	5	0	4	4	10	10	8	2	11	11
96	604885	40	20	1	4	4	5	2	7	40	17	21	19	12
96	604885-034	6	4	0	1	1	2	0	1	2	0	0	2	0
96	604886	1	0	0	0	0	0	0	0	0	0	0	0	0
96	605	54	31	2	10	2	9	2	14	18	10	5	7	5
96	605782	18	12	0	5	1	4	0	5	5	3	0	1	1
96	605885	25	11	2	1	0	4	2	3	13	7	5	5	3
96	606	62	29	5	7	6	6	6	12	42	23	20	16	9
96	606782	44	24	4	4	5	5	5	10	22	8	15	8	4
96	606885	4	0	0	0	0	0	0	0	1	0	0	0	0
96	607	12	9	0	5	0	2	2	6	2	0	0	2	0
96	609	482	263	81	45	35	48	97	128	149	73	104	50	35
96	609380	1	1	0	1	0	1	0	1	6	5	3	1	1
96	609884	14	10	2	2	3	0	5	6	11	5	5	5	1
96	609885	383	200	52	28	29	28	88	94	108	46	82	36	26
96	609885-022	41	32	11	1	8	5	11	11	10	4	2	8	2
96	610	12	6	1	1	1	1	0	3	2	1	1	1	1
96	611	4	3	0	3	0	1	1	2	0	0	0	0	0
96	612	13	6	0	2	0	3	2	0	0	0	0	0	0
96	613	5	3	1	0	0	1	1	2	0	0	0	0	0
96	614	9	6	0	4	0	1	1	3	5	4	2	3	3
96	615	97	58	8	19	4	11	17	27	19	12	13	10	8
96	615782	90	53	7	17	3	11	17	24	18	12	12	10	8
96	616	304	158	36	35	23	26	67	64	96	56	61	62	46
96	616130	1	1	0	1	0	0	0	0	1	1	0	1	1
96	617	52	28	8	1	6	5	8	20	27	9	18	12	12
96	617885	30	17	7	0	3	2	4	14	13	4	13	2	2
96	619	439	235	72	57	21	46	68	112	146	98	107	55	46
96	619280	1	0	0	0	0	0	0	0	1	1	1	0	0
96	619885	308	161	45	39	13	31	52	82	106	66	81	38	32

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION.

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS AVAIL-ABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	TOTAL RECEIV-ED	MANDA-TORY OPENING RECEIV-ED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	620	1384	737	13	245	160	76	108	258	328	59	177	123	
96	620281	1008	546	8	191	97	64	77	188	224	42	136	82	
96	620281-010	3	3	0	0	1	0	0	0	0	0	0	0	
96	620281-014	56	45	1	13	7	5	1	16	16	4	5	11	
96	620381	172	87	1	28	19	3	12	37	47	8	22	19	
96	620884	141	71	2	18	38	3	14	26	55	9	18	18	11
96	621	115	70	3	58	12	3	5	13	2	1	1	2	
96	621281	85	52	3	45	8	2	4	8	1	1	0	2	
96	621884	5	3	0	2	2	0	0	0	0	0	0	0	
96	622	4	4	0	2	0	1	1	0	1	0	1	0	
96	623	42	22	0	14	3	5	1	7	57	55	5	54	
96	623281	39	20	0	14	2	5	1	6	51	51	1	52	
96	623884	1	1	0	0	0	0	0	1	0	0	0	0	
96	623887	1	1	0	0	1	0	0	0	4	4	4	0	
96	624	1	0	0	0	0	0	0	0	0	0	0	0	
96	625	76	34	0	26	10	1	3	12	21	6	9	9	
96	625281	71	33	0	25	10	1	3	12	19	5	8	8	
96	625281-010	6	4	0	3	0	0	1	1	4	3	0	4	
96	626	13	5	0	2	1	2	0	1	7	4	2	4	
96	627	4	3	0	0	0	1	0	1	0	0	0	0	
96	628	4	2	1	1	0	0	0	1	3	0	2	0	
96	629	6	3	0	3	0	0	0	3	2	0	0	3	
96	630	30	16	2	8	4	3	2	6	13	6	9	4	
96	631	4	3	0	3	0	1	0	1	2	0	1	1	1
96	632	13	11	0	9	3	1	0	2	2	1	1	2	
96	633	24	12	2	7	0	2	3	5	17	8	5	5	
96	633281	23	12	2	7	0	2	3	5	17	8	5	5	
96	637	124	70	0	32	8	6	2	19	20	7	11	8	
96	637281	89	52	0	25	4	3	2	12	18	7	11	5	
96	637281-034	4	3	0	0	0	1	0	0	0	0	0	0	
96	637884	18	10	0	3	3	1	0	3	0	0	0	1	
96	637887	9	4	0	2	1	0	0	2	1	0	0	1	
96	638	247	130	3	63	15	34	11	38	78	63	25	53	
96	638281	207	115	3	55	11	29	10	35	71	58	22	46	
96	638281-022	12	9	0	3	1	2	0	1	19	19	0	20	
96	638281-034	4	3	0	0	1	1	1	1	0	0	0	0	
96	638884	14	7	0	4	3	1	1	3	4	3	3	5	
96	639	70	39	4	11	3	6	2	15	13	8	8	7	
96	640	12	10	0	3	0	1	3	6	5	1	2	2	
96	641	20	12	6	3	1	2	3	7	6	4	4	4	
96	643	35	22	13	3	2	4	5	10	21	4	16	12	
96	644	1	1	0	0	1	0	0	1	0	0	0	0	
96	649	71	48	18	8	2	11	18	24	42	9	11	29	
96	650	27	11	6	4	0	2	2	2	2	0	0	2	

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120 TABLE 96

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	651	209	107	5	47	17	14	15	36	71	27	31	27	19
96	651782	172	91	4	41	15	13	14	31	55	16	22	20	13
96	651782-010	1	1	0	0	0	1	0	0	1	1	1	0	0
96	652	53	28	6	7	3	4	3	9	12	2	5	4	3
96	653	17	9	5	3	0	3	1	6	4	2	1	4	4
96	654	1	0	0	0	0	0	0	0	0	0	1	0	0
96	659	20	10	2	2	0	2	1	4	1	1	0	2	1
96	660	79	46	2	9	11	5	10	16	14	1	11	5	5
96	660280	77	44	2	9	10	5	9	15	12	1	9	5	5
96	660280-010	4	4	0	1	0	1	1	1	1	1	0	1	1
96	661	4	1	0	1	0	0	0	0	3	0	3	0	0
96	663	3	1	1	0	0	1	0	0	0	0	0	0	0
96	664	2	1	0	0	1	0	1	0	0	0	0	0	0
96	665	2	0	0	0	0	0	0	0	1	1	0	0	0
96	667	7	6	1	0	0	1	2	4	1	0	0	1	1
96	667782	6	5	0	0	0	1	2	3	1	0	0	1	1
96	668	1	1	0	1	0	0	1	1	0	0	0	0	0
96	669	31	13	1	5	2	4	1	4	19	2	11	6	6
96	669782	21	9	0	4	1	3	0	3	9	2	5	3	3
96	670	1	1	1	0	0	0	1	1	0	0	0	0	0
96	673	6	5	1	0	0	1	2	1	11	5	8	3	0
96	675	1	1	0	1	0	0	0	0	2	1	0	2	1
96	677	2	2	0	0	0	1	1	0	0	0	0	1	1
96	679	3	2	1	1	0	0	1	0	2	0	0	0	0
96	680	8	6	2	0	1	2	4	2	1	1	1	1	0
96	680885	1	1	0	0	0	0	1	1	1	1	1	1	0
96	681	7	3	2	0	0	0	1	2	3	2	1	1	1
96	681885	5	2	2	0	0	0	0	1	1	1	1	0	0
96	682	2	0	0	0	0	0	0	0	0	0	0	0	0
96	682885	1	0	0	0	0	0	0	0	0	0	0	0	0
96	683	9	2	1	0	0	1	1	3	2	1	0	1	0
96	683782	6	2	1	0	0	0	1	2	0	0	0	0	0
96	684	2	2	1	1	0	1	1	1	0	0	0	0	0
96	685	6	2	2	0	0	1	1	2	5	5	5	0	0
96	685885	6	2	2	0	0	1	1	2	5	5	5	0	0
96	686	6	3	0	0	0	1	2	2	1	0	1	0	0
96	689	26	15	11	2	0	6	3	7	7	1	4	2	1
96	689885	4	2	1	0	0	2	1	0	4	1	1	1	0
96	689886	2	2	2	0	0	1	0	1	0	0	0	0	0
96	690	302	165	109	19	9	68	36	59	72	2	35	37	32
96	690782	171	93	77	5	4	41	23	32	37	0	17	25	21
96	690885	120	64	29	11	4	23	12	25	33	1	17	11	10
96	691	9	4	3	1	1	0	2	3	2	1	1	0	0
96	692	49	29	14	3	4	4	6	16	3	3	1	2	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	693	5	1	1	0	0	0	0	1	0	0	0	0	
96	699	95	54	7	18	4	14	13	22	24	11	15	15	11
96	700	38	25	7	3	1	4	4	14	6	0	4	3	
96	700281	21	13	3	3	1	1	3	5	6	0	4	3	
96	700281-010	1	1	1	0	0	0	0	0	1	0	0	1	
96	700884	4	2	1	0	0	1	0	2	0	0	0	0	
96	701	34	15	7	6	2	2	1	3	21	18	2	7	
96	703	3	0	-1	1	0	1	1	0	2	1	0	1	
96	704	11	4	1	2	0	3	0	2	6	1	1	5	
96	705	87	41	5	11	9	9	16	20	28	13	16	12	
96	705884	71	32	5	9	6	7	14	14	21	8	14	7	
96	706	594	314	217	19	53	65	81	145	312	200	170	125	8
96	706884	396	203	143	8	35	34	54	98	224	141	120	92	7
96	706884-022	14	14	13	0	4	4	1	9	8	7	2	6	
96	706887	177	101	66	10	18	28	23	43	82	55	49	33	1
96	709	30	21	9	7	1	7	3	12	9	1	1	6	
96	710	87	42	14	8	1	10	6	13	49	38	11	31	2
96	711	18	12	7	2	1	4	3	5	7	4	4	1	
96	712	71	37	10	10	4	5	2	11	9	4	7	5	
96	712381-014	2	1	0	0	1	0	0	0	0	0	0	0	
96	713	36	20	11	3	1	4	6	7	13	7	7	5	
96	714	53	29	20	2	2	3	18	15	37	21	32	4	
96	715	29	13	6	2	1	4	1	4	7	6	3	1	
96	715381	1	0	0	0	0	0	0	0	4	3	3	0	
96	716	4	1	0	1	0	0	0	0	5	5	0	5	
96	719	4	3	1	1	1	0	1	3	7	7	3	4	
96	720	80	36	6	17	1	11	5	20	23	13	10	11	
96	720281	66	29	2	14	1	7	4	16	12	3	6	5	
96	720281-010	1	1	0	0	0	0	0	0	0	0	0	0	
96	720281-018	2	1	0	0	0	1	0	1	1	0	1	0	
96	721	16	10	3	1	2	3	0	4	4	1	2	2	
96	721281-022	1	1	0	0	0	0	0	0	0	0	0	1	
96	721281-026	0	0	0	0	0	0	0	0	1	1	0	1	
96	721884	2	2	1	0	0	2	0	1	1	0	1	0	
96	722	45	23	14	1	4	7	3	5	32	24	8	17	
96	723	204	132	90	9	12	33	26	72	39	30	9	13	
96	723884	177	109	81	6	8	24	23	62	39	30	9	13	
96	723884-010	1	1	0	0	0	0	0	1	0	0	0	0	
96	723887	4	4	3	0	2	1	1	3	0	0	0	0	
96	724	41	21	13	4	1	5	5	13	6	4	5	3	
96	725	29	11	6	2	0	0	1	7	11	9	4	5	
96	726	1192	583	409	59	93	131	128	249	709	541	403	290	23
96	726781	715	335	252	26	60	70	82	166	364	285	246	133	12
96	726884	145	68	50	8	10	14	15	25	166	114	86	75	4

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	726884-066	4	3	3	0	2	0	0	2	1	0	1	0	0
96	727	12	7	5	0	1	1	3	3	5	4	2	4	4
96	728	36	18	14	3	0	5	5	11	9	3	3	3	3
96	729	281	147	100	15	15	29	40	82	153	120	43	65	44
96	729381	73	32	11	10	2	7	8	12	35	29	8	22	15
96	729884	85	44	37	0	5	7	17	28	56	47	17	25	13
96	729887	90	50	45	1	6	13	11	33	53	38	16	14	14
96	730	13	7	2	4	0	3	2	2	0	0	0	1	1
96	731	13	4	3	0	1	1	2	3	0	0	1	0	0
96	732	5	3	1	0	1	0	1	1	0	0	0	0	0
96	733	13	9	6	0	1	1	5	3	1	1	0	1	0
96	734	4	2	0	0	1	0	1	1	1	1	1	0	0
96	735	4	2	1	1	0	1	1	2	10	7	1	3	3
96	736	6	6	4	1	1	0	2	2	1	1	0	2	1
96	737	11	8	4	3	1	0	5	6	0	0	0	0	0
96	739	144	87	51	10	15	25	26	50	28	9	15	11	6
96	739887	93	55	40	3	9	15	14	34	18	8	13	5	2
96	740	65	36	1	10	5	7	8	10	12	5	8	6	3
96	741	110	64	1	20	11	14	13	28	27	8	11	16	13
96	741884	65	36	1	10	5	9	7	15	18	7	5	12	10
96	741887	45	28	0	10	6	5	6	13	7	1	6	2	1
96	742	2	1	0	1	0	1	0	0	0	0	0	0	0
96	749	12	4	1	1	1	2	0	1	11	4	7	5	4
96	750	18	9	0	1	1	2	2	3	3	1	1	3	2
96	750884	4	1	0	0	0	0	0	1	0	0	0	0	0
96	751	5	2	2	0	0	1	1	2	1	0	0	1	0
96	752	3	2	1	0	0	0	0	2	1	1	1	0	0
96	753	78	61	32	20	4	52	5	7	4	1	4	4	4
96	754	30	18	8	2	4	2	5	10	2	0	1	1	0
96	754884	23	15	8	0	4	1	5	7	1	0	1	0	0
96	754884-010	3	2	2	0	1	0	0	1	0	0	0	0	0
96	754887	4	2	0	1	0	1	0	2	0	0	0	0	0
96	759	7	3	3	0	0	1	1	2	1	1	0	0	0
96	761	14	7	0	2	2	1	0	3	2	1	1	6	5
96	761281	4	1	0	1	0	1	0	0	0	0	0	0	0
96	762	14	12	5	4	0	3	1	6	3	3	0	3	0
96	763	44	29	2	6	3	7	8	10	19	2	15	3	3
96	763884	13	10	1	2	1	4	4	3	8	2	4	3	3
96	769	28	13	1	2	2	1	2	4	5	0	3	2	1
96	769887	27	12	1	2	2	1	1	3	5	0	3	2	1
96	770	1	0	0	0	0	0	0	0	2	2	2	0	0
96	771	4	4	0	1	0	1	1	1	2	0	1	1	0
96	772	2	1	0	0	0	0	0	1	0	0	0	0	0
96	773	0	0	0	0	0	0	0	0	1	0	1	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAY OR MOR
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	774	4	3	1	0	0	0	0	1	3	0	3	0	
96	775	15	9	1	1	3	1	3	5	0	0	0	0	
96	776	11	4	3	0	2	0	1	1	0	0	0	0	
96	777	3	3	1	1	0	1	2	1	0	0	0	0	
96	779	5	5	3	0	0	0	1	4	0	0	0	0	
96	780	63	32	5	7	4	3	14	15	25	0	12	12	
96	780381-010	1	0	0	0	0	0	0	0	0	0	0	0	
96	780381-018	3	2	1	0	1	0	0	1	1	0	0	1	
96	780884	27	12	1	2	0	3	6	5	12	0	4	6	
96	780884-138	0	0	0	0	0	0	0	0	2	0	0	2	
96	781	171	104	40	19	14	44	30	49	34	7	15	19	1
96	781884	61	35	3	8	7	15	8	11	10	3	4	6	
96	782	68	47	40	0	4	20	17	29	17	1	6	8	
96	782884	53	36	30	0	3	15	13	24	16	1	5	7	
96	783	0	0	0	0	0	0	0	0	1	0	0	1	
96	784	42	22	13	1	4	4	10	13	8	0	9	1	
96	785	65	38	29	2	2	18	8	21	18	0	7	11	
96	785261-010	1	1	0	0	0	1	1	1	1	0	0	1	
96	785281-010	0	0	0	0	0	0	0	0	1	0	0	1	
96	785361	6	3	3	0	0	1	2	3	1	0	1	0	
96	786	196	118	105	2	5	33	54	58	53	17	23	69	6
96	786782-086	6	5	4	0	0	2	2	2	4	0	0	4	
96	786782-090	5	4	4	0	0	3	0	1	0	0	0	0	
96	786885	13	6	5	0	0	0	5	5	2	0	2	1	
96	787	428	270	246	7	12	98	89	128	134	35	49	137	11
96	787885	82	51	47	2	1	16	18	31	16	7	6	11	
96	788	319	186	110	21	17	53	38	115	85	4	44	39	2
96	788381-010	1	1	0	1	0	1	0	0	0	0	0	0	
96	788887	210	124	92	5	13	20	27	92	68	1	37	27	1
96	789	93	45	28	6	8	17	6	25	10	2	2	9	
96	790	4	4	1	0	0	0	4	3	0	0	0	0	
96	794	30	16	12	1	0	7	5	8	6	3	5	3	
96	799	2	1	1	0	0	0	0	1	0	0	0	0	
96	800	1	1	0	0	0	0	0	1	0	0	0	0	
96	801	170	89	1	48	2	18	12	48	31	6	3	10	
96	601281	1	0	0	0	0	0	0	0	0	0	0	0	
96	801381	3	1	0	1	0	0	0	0	2	0	2	0	
96	801781	152	81	0	42	2	17	12	44	19	6	1	0	
96	801884	7	3	1	3	0	0	0	2	10	0	0	10	
96	804	302	165	3	73	21	31	13	79	77	34	39	34	2
96	804281	271	148	2	69	16	28	12	74	66	32	36	29	2
96	804281-010	14	11	0	5	0	2	0	4	3	2	0	3	
96	804886	13	9	1	1	3	1	0	2	11	2	3	5	
96	605	52	29	1	17	3	6	1	6	34	27	1	27	2

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS UNDER 22	AGE GROUPS 45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN TOTAL	UNFILLED OPEN 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	806	222	103	10	46	12	26	22	40	56	49	12	218	217
96	806381	100	39	4	22	4	11	6	19	50	47	2	51	50
96	806781	4	2	0	1	0	1	0	1	0	0	0	0	0
96	806884	23	12	0	4	2	3	1	4	1	0	2	0	0
96	806887	49	24	5	8	2	4	12	8	4	1	7	167	167
96	807	309	182	3	49	33	18	40	70	68	5	28	40	28
96	807381	252	145	2	42	23	14	30	58	64	5	26	36	25
96	807381-010	17	13	0	4	1	0	1	6	10	0	1	10	1
96	807884-050	0	0	0	0	0	0	0	0	1	0	0	1	0
96	809	82	38	6	15	3	8	10	14	26	9	17	15	11
96	809381	11	3	0	3	0	1	0	0	5	1	10	0	0
96	809884	23	10	4	2	2	1	4	5	10	0	3	8	4
96	809887	19	12	1	1	1	2	5	2	8	7	4	5	5
96	810	669	318	11	110	37	52	102	124	84	43	37	46	37
96	810884	627	292	7	101	36	47	95	112	80	43	34	44	37
96	810834-018	27	21	0	6	5	5	1	5	4	1	0	4	0
96	810884-038	2	2	0	1	1	0	0	0	0	0	0	0	0
96	811	12	8	0	5	2	0	1	3	26	25	1	25	24
96	812	55	28	2	17	3	4	9	10	7	4	3	9	9
96	812884	53	27	1	17	3	4	8	10	5	2	3	9	9
96	812884-014	3	3	0	3	0	0	1	1	0	0	0	0	0
96	813	6	1	0	1	0	1	0	1	0	0	0	1	1
96	814	30	16	10	0	1	2	5	6	19	16	6	8	6
96	815	1	1	0	1	0	1	0	0	0	0	0	0	0
96	816	26	13	0	6	1	4	4	9	1	1	0	0	0
96	819	24	12	0	5	2	3	1	6	22	4	8	1	1
96	819381	9	6	0	1	1	2	0	3	4	4	1	0	0
96	820	9	8	0	2	0	3	3	2	10	2	8	2	2
96	821	33	15	0	7	1	2	0	8	0	0	0	0	0
96	822	156	83	3	40	7	5	15	38	22	10	6	10	10
96	822281	59	31	2	15	3	3	4	11	9	8	2	7	7
96	823	39	19	2	9	2	0	1	4	11	4	4	4	4
96	824	515	277	0	116	18	47	20	87	91	40	56	32	30
96	824281	490	265	0	111	16	44	18	84	83	35	53	32	30
96	824281-014	45	33	0	15	3	5	0	14	3	1	2	1	0
96	825	62	37	1	22	6	9	6	15	29	28	3	28	28
96	825381	47	28	1	18	5	8	3	11	29	28	3	28	28
96	825884	1	1	0	0	0	0	1	1	0	0	0	0	0
96	826	9	5	4	2	1	1	0	3	1	1	0	4	3
96	827	111	54	30	12	6	12	13	30	15	4	6	7	3
96	827281	22	11	0	8	1	3	1	6	8	0	3	4	1
96	827281-022	0	0	0	0	0	0	0	0	3	0	0	3	0
96	828	136	77	7	50	7	8	9	21	22	19	4	13	13
96	828281	132	75	6	50	7	6	8	20	22	19	4	13	13

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS- TERED APPS AVAIL- ABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINOR- ITY	ECONOM- ICALLY DISAD- VANT- AGED	TOTAL RECEIV- ED	MANDA- TORY OPENING RECEIV- ED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	828281-022	6	6	1	2	0	0	1	1	0	0	0	0	
96	829	310	165	4	60	49	16	19	58	37	9	23	11	
96	829281	63	27	0	16	0	6	2	6	5	5	0	2	
96	829281-022	1	0	0	0	0	0	0	0	0	0	0	0	
96	829887	190	105	2	28	48	5	12	30	26	3	17	9	
96	840	865	462	10	166	56	89	80	210	184	22	164	71	
96	840781	630	342	9	121	42	70	59	143	126	18	77	55	
96	840781-010	64	53	1	18	7	12	1	22	13	0	1	12	
96	841	9	4	0	1	0	2	0	2	3	0	2	1	
96	842	96	60	0	26	2	22	13	28	27	3	11	13	
96	842884	27	17	0	10	1	2	6	10	7	1	2	6	
96	842884-010	1	1	0	0	0	0	0	1	0	0	0	0	
96	842884-022	0	0	0	0	0	0	0	0	5	0	0	5	
96	843	14	8	0	1	0	0	1	4	1	0	0	0	
96	844	74	43	1	18	7	14	8	14	13	0	7	5	
96	844884	59	35	1	16	4	12	6	13	12	0	6	5	
96	844884-014	2	1	0	0	0	0	0	1	3	0	0	3	
96	845	31	23	0	7	7	3	2	11	9	5	6	3	
96	849	1	1	0	1	0	0	0	0	0	0	0	0	
96	850	113	55	0	20	6	7	2	17	89	0	24	72	
96	850883	45	21	0	7	2	2	1	4	12	0	3	10	
96	850887	49	19	0	8	4	0	1	11	77	0	21	62	
96	851	12	7	1	1	2	3	3	2	2	0	2	0	
96	852	17	9	1	3	2	3	2	4	1	0	0	0	
96	853	57	41	1	8	13	6	2	10	6	0	4	4	
96	859	143	79	0	39	12	13	9	14	22	6	10	4	
96	859883	117	66	0	34	10	8	7	10	22	6	8	4	
96	860	1643	885	10	303	125	182	137	377	290	14	182	126	
96	860281	46	21	0	9	3	7	5	11	15	0	14	1	
96	860381	1039	573	6	209	62	132	81	246	172	11	101	75	
96	860381-026	74	63	0	19	2	10	8	32	26	0	1	25	
96	860884	12	8	0	2	0	2	2	7	1	0	1	0	
96	860887	315	154	3	39	50	12	27	56	80	0	55	42	
96	861	360	225	2	76	11	73	28	104	87	9	45	45	
96	861381	200	123	2	41	1	46	15	51	59	6	33	31	
96	861381-010	14	14	0	6	1	7	1	10	7	1	0	7	
96	861381-018	1	1	0	0	0	0	0	0	0	0	0	0	
96	861781-022	1	1	0	1	0	0	0	1	0	0	0	0	
96	861884	21	15	0	3	2	5	2	8	3	1	1	0	
96	861887	52	33	0	9	8	5	6	15	18	1	10	8	
96	861887-018	3	2	0	2	0	1	0	1	1	1	0	1	
96	862	848	454	4	186	59	93	58	163	150	57	77	64	
96	862281	124	76	0	41	10	21	5	25	54	42	12	44	
96	862381	486	265	3	111	23	60	32	91	57	14	40	14	

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	862381-026	1	1	0	0	0	0	0	0	0	0	0	0	0
96	862381-074	13	12	0	5	0	4	0	6	5	2	1	4	1
96	862884	207	92	0	29	17	11	19	38	33	0	22	3	3
96	862884-058	4	4	0	2	2	0	0	2	0	0	0	0	0
96	862887	20	15	0	1	8	-1	2	6	4	0	2	2	2
96	863	82	54	2	15	11	6	7	20	83	30	41	29	28
96	863884	57	36	2	10	8	4	3	15	46	3	30	3	2
96	864	34	21	0	4	3	5	1	8	2	0	3	0	0
96	865	41	22	0	9	1	5	2	5	6	0	2	4	2
96	866	253	148	2	40	22	19	13	66	42	14	18	15	15
96	866381	199	117	2	33	10	18	10	53	37	14	16	13	13
96	866884	6	3	0	0	2	0	1	1	1	0	1	0	0
96	866887	42	23	0	4	10	0	2	8	3	0	1	1	1
96	869	1418	720	11	215	98	126	121	313	1049	17	970	366	312
96	869884	827	416	5	133	53	83	87	196	431	9	368	138	108
96	869887	528	261	5	62	39	38	29	99	605	7	593	224	201
96	891	63	33	2	13	3	9	5	13	19	4	16	8	7
96	892	3	3	0	1	0	2	0	2	0	0	0	0	0
96	899	1072	530	18	206	97	143	100	254	633	74	493	198	127
96	899281	90	47	2	19	5	11	2	24	31	11	19	11	9
96	899381	771	363	6	161	61	110	45	168	477	51	377	150	84
96	899884	132	73	9	10	20	10	46	41	81	7	58	26	26
96	900	4	2	1	0	1	1	1	1	0	0	0	0	0
96	902	9	6	2	1	0	1	0	0	3	0	2	1	1
96	902883	6	4	0	1	0	0	0	0	3	0	2	1	1
96	903	8	6	0	3	1	0	1	2	3	1	1	0	0
96	904	433	260	2	148	6	64	18	109	32	2	21	9	6
96	904883	418	251	2	143	6	62	16	105	32	2	21	9	6
96	905	1307	742	8	349	57	154	87	318	198	42	172	44	28
96	905883	1218	692	8	324	50	145	77	295	177	37	153	42	28
96	906	1542	802	61	277	125	84	96	310	1904	1664	757	1169	1148
96	906883	1497	783	58	270	123	83	93	301	1899	1662	752	1168	1147
96	906883-014	1	0	0	0	0	0	0	0	1	1	0	1	0
96	906883-026	78	66	0	19	17	5	3	19	26	3	11	16	2
96	909	138	74	4	25	11	9	12	37	11	1	7	9	7
96	909883	28	10	0	2	1	0	1	5	1	0	0	1	0
96	909883-022	2	1	0	0	0	0	1	1	0	0	0	0	0
96	910	21	13	0	8	2	1	0	5	2	0	1	3	2
96	911	54	28	0	18	6	9	3	11	1	0	1	0	0
96	912	73	40	10	16	11	2	2	13	24	17	14	19	3
96	913	557	337	114	81	15	58	67	152	132	41	64	74	68
96	913463	446	289	103	66	8	50	63	137	103	32	41	63	59
96	913463-010	18	16	14	1	0	2	1	13	2	0	0	2	0
96	913463-014	9	7	5	2	0	1	0	7	0	0	0	0	0

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS AVAIL-ABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	TOTAL RECEIV-ED	MANDA-TORY OPENING RECEIV-ED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	913463-018	17	14	0	0	0	0	2	10	3	0	1	2	1
96	913463-022	1	1	1	0	0	0	0	0	0	0	0	0	0
96	914	17	8	0	4	1	2	0	3	0	0	0	0	0
96	915	545	266	17	54	124	29	40	109	249	68	135	110	65
96	915867	276	133	8	29	70	12	15	53	126	39	59	65	39
96	915867-010	33	27	4	2	18	1	1	6	20	7	5	15	1
96	915884	66	38	2	6	11	2	10	18	34	12	18	17	8
96	915887	48	17	0	3	7	3	4	3	24	2	11	10	9
96	915887-014	1	1	0	0	0	0	0	0	1	0	0	1	0
96	919	359	167	24	48	25	31	24	82	129	10	77	31	22
96	919883	154	48	8	16	6	7	4	22	24	0	16	4	4
96	919883-014	2	1	0	1	0	0	0	0	0	0	0	0	0
96	919883-022	4	4	1	1	0	2	0	1	0	0	0	0	0
96	919887	108	61	2	12	17	8	16	36	82	5	47	21	12
96	920	1723	986	713	39	184	195	387	591	576	172	350	246	227
96	920884	9	8	5	0	1	1	2	6	1	0	0	1	0
96	920885	87	44	28	2	7	7	10	25	4	1	2	13	12
96	920885-110	2	2	0	1	0	1	0	0	0	0	0	0	0
96	920886	18	10	7	2	4	2	3	8	2	0	2	0	0
96	920887	1565	898	661	32	167	178	362	539	563	168	343	231	214
96	920887-018	6	6	0	2	4	1	0	1	2	0	2	0	0
96	920887-106	6	6	6	0	1	2	0	2	4	3	0	4	0
96	920887-110	56	53	37	0	11	6	15	18	14	6	5	9	0
96	921	105	51	0	28	5	22	8	19	12	6	10	4	2
96	921883	64	33	0	22	0	16	5	11	8	2	7	2	0
96	922	6349	3069	714	506	1594	238	656	1138	1861	381	1658	1169	1109
96	922883	301	148	1	54	31	15	25	50	25	8	17	5	[illegible]
96	922883-018	22	17	0	7	6	1	1	2	3	0	1	3	[illegible]
96	922887	5992	2899	710	445	1555	220	626	1075	1789	368	1619	1140	108[illegible]
96	922887-070	520	491	156	25	399	15	39	76	42	14	14	29	[illegible]
96	922887-078	6	4	0	3	1	0	1	1	4	1	2	2	0
96	922887-090	1	1	0	0	0	0	0	1	0	0	0	0	0
96	929	5989	2903	607	568	1203	297	794	1299	1414	360	1056	441	39[illegible]
96	929887	5834	2817	602	535	1187	276	779	1269	1384	356	1044	434	39[illegible]
96	929887-046	24	22	3	1	18	0	0	2	2	0	1	1	0
96	929887-050	563	491	104	54	319	36	70	119	44	15	20	24	0
96	929887-054	1	1	1	0	1	0	0	0	0	0	0	0	0
96	930	15	9	0	1	1	2	0	3	1	0	0	1	1
96	931	2	1	0	0	0	0	0	0	0	0	0	0	0
96	932	7	6	1	0	4	1	1	2	0	0	0	0	0
96	933	2	2	0	1	1	0	1	1	0	0	0	0	0
96	934	1	0	0	0	0	0	0	0	0	0	0	0	0
96	939	3	3	0	0	1	0	2	1	0	0	0	0	0
96	939887	2	2	0	0	1	0	1	0	0	0	0	0	0

TABLE 96 04/30/78 MASSACHUSETTS SMSA 1120 TABLE 96

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS AVAILABLE	ACTIVE FILE							NONAGRICULTURAL OPENINGS				
			TOTAL	FEMALE	VETERAN	AGE GROUPS		MINORITY	ECONOMICALLY DISADVANTAGED	TOTAL RECEIVED	MANDATORY OPENING RECEIVED	OPENING FILLED	UNFILLED OPEN	
						UNDER 22	45 AND OLDER						TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	939887-022	1	1	0	0	0	0	0	0	0	0	0	0	0
96	940	11	5	0	2	0	2	0	1	0	0	0	1	1
96	940884	8	3	0	0	0	0	0	0	0	0	0	0	0
96	941	1	1	0	0	0	1	0	0	0	0	0	0	0
96	949	2	1	0	0	1	0	0	0	0	0	0	0	0
96	950	59	27	2	11	1	9	5	7	11	6	7	2	2
96	951	74	35	0	14	8	11	1	13	2	1	1	1	1
96	952	20	12	6	4	1	1	4	2	10	2	1	9	4
96	953	6	2	0	0	0	0	2	1	3	0	0	2	0
96	954	9	4	0	3	0	0	0	0	1	0	0	1	1
96	955	31	8	0	1	5	0	3	5	231	0	67	160	52
96	956	0	0	0	0	0	0	0	0	1	0	0	1	1
96	957	17	11	3	2	3	2	0	2	3	1	3	0	0
96	959	14	6	0	3	0	1	0	4	1	1	0	1	1
96	960	14	7	0	5	0	1	1	1	1	0	2	0	0
96	961	3	2	2	0	0	0	0	0	0	0	0	0	0
96	962	9	5	2	1	0	1	0	3	0	0	0	0	0
96	963	11	4	0	0	1	0	0	0	1	0	5	0	0
96	964	4	2	0	1	0	1	1	1	2	0	0	2	2
96	969	7	4	1	0	0	0	1	1	3	0	0	0	0
96	970	65	34	16	5	3	9	5	15	26	2	17	3	3
96	971	34	17	5	4	1	4	0	2	3	1	1	3	1
96	972	37	17	1	11	4	2	1	6	0	0	0	0	0
96	973	59	33	10	8	8	9	4	14	1	0	1	2	2
96	973381-026	1	1	0	0	0	0	0	0	0	0	0	0	0
96	975	7	3	0	2	0	2	0	0	0	0	0	0	0
96	976	67	30	12	11	3	3	2	10	20	16	5	13	1
96	977	45	29	21	1	4	7	13	15	4	1	1	1	1
96	979	95	57	26	12	13	12	6	19	29	11	15	10	6
96	TOTAL OF INVALID OCCUPATIONAL CODES	5834	4673	3783	193	405	1126	1030	4300	25	5	19	22	20

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MONTHLY YEAR TO DATE
FOR PERIOD ENDING 04/30/78 PAGE 030

PROFESSIONAL, TECHNICAL, AND MANAGERIAL WORK

00,01 ARCHITECTURE AND ENGINEERING

001 Architecture
002 Aeronautical engineering
003 Electrical engineering
005 Civil engineering
006 Ceramic engineering
007 Mechanical engineering
008 Chemical engineering
010 Mining and petroleum engineering
011 Metallurgy and metallurgical engineering
012 Industrial engineering
013 Agricultural engineering
014 Marine engineering
015 Nuclear engineering
017 Drafting and related work
018 Surveying and related work
019 Architecture and engineering, n.e.c.

02 MATHEMATICS AND PHYSICAL SCIENCES

020 Mathematics
021 Astronomy
022 Chemistry
023 Physics
024 Geology
025 Meteorology
029 Mathemarics and physical sciences, n.e.c.

04 LIFE SCIENCES

040 Agricultural sciences
041 Biological sciences
045 Psychology
049 Life sciences, n.e.c.

05 SOCIAL SCIENCES

050 Economics
051 Political science
052 History
054 Sociology
055 Anthropology
059 Social sciences, n.e.c.

07 MEDICINE AND HEALTH

070 Medicine and surgery
071 Osteopathy
072 Dentistry
073 Veterinary medicine and surgery
074 Pharmacy
075 Nursing
077 Dietetic work
078 Medical and dental technology
079 Medicine and health, n.e.c.

09 EDUCATION

090 College and university education
091 Secondary school education
092 Primary school and kindergarten education
094 Education of the handicapped
096 Home economics, agriculture, and related education
097 Vocational education, n.e.c.
099 Education, n.e.c.

10 MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES

100 Library work
101 Archival science work
102 Museum and related work
109 Museum, library, and archival sciences, n.e.c.

11 LAW AND JURISPRUDENCE

110 Legal work
111 Judicial work
119 Law and jurisprudence, n.e.c.

12 RELIGION AND THEOLOGY

120 Ministerial work
129 Religion and theology, n.e.c.

13 WRITING

130 Freelance writing
131 Writing and editing, motion pictures, radio and TV
132 Writing and editing, publications
137 Interpreting and translating
139 Writing, n.e.c.

14 ART

141 Commercial art
142 Designing
143 Photography
144 Painting and related work
148 Sculpturing and related work
149 Art work, n.e.c.

15 ENTERTAINMENT AND RECREATION

150 Dramatics
151 Dancing
152 Music
153 Athletics and sports
159 Entertainment and recreation, n.e.c.

16 ADMINISTRATIVE SPECIALIZATIONS

160 Accounting and auditing
161 Budget and management analysis
162 Purchasing management
163 Sales and distribution management
164 Advertising management
165 Public relations management
166 Personnel and training administration
168 Inspecting and investigating, managerial and pub. serv.
169 Administrative specialties, n.e.c.

18 MANAGERS AND OFFICIALS, N.E.C.

180 Agriculture, forestry, and fishing management
~~181~~ Mining management
182 Construction management
183 Manufacturing industry management
184 Transportation, communication, and utilities, mgt.
185 Wholesale and retail trade management
186 Finance, insurance, and real estate management
187 Service industry management
188 Public administration management
189 Miscellaneous managerial work, n.e.c.

19 PROFESSIONAL, TECHNICAL, & MANAGERIAL

191 Business relations work, n.e.c.
193 Radio operating
194 Sound recording, transcribing, & reproducing
195 Social and welfare work
196 Airplane piloting & navigating
197 Managerial & technical work, water transportation
198 Managerial work, railroad transportation
199 Misc. prof., tech., & managerial work, n.e.c.

CLERICAL AND SALES WORK

20 STENOGRAPHY, TYPING, FILING & RELATED OCCUPATIONS

201 Secretarial work
202 Stenography
203 Typing
204 Correspondence work
205 Personnel work
206 Filing
207 Duplicating-machine work
208 Miscellaneous office machine work
209 Stenography, typing, filing, & related work, n.e.c.

21 COMPUTING & ACCOUNT-RECORDING

210 Bookkeeping
211 Cashiering
212 Teller service
213 Automatic data processing
214 Billing-machine work
215 Bookkeeping-machine work
216 Computing-machine work
217 Account-recording-machine work, n.e.c.
219 Computing & account recording, n.e.c.

22 MATERIAL & PRODUCTION RECORDING

221 Clerical work, production
222 Clerical work, shipping and receiving
223 Stock checking & related work
224 Weighing
229 Material & production recording, n.e.c.

23 INFORMATION & MESSAGE DISTRIBUTION

230 Messenger and related work
231 Mail sorting, stamping, recording, routing, & rel. work
232 Clerical work, post office
233 Mail delivery
234 Mail-preparing & mail-handling-machine work
235 Telephone work
236 Telegraph work
237 Reception & information dispensing work
239 Information & message distribution, n.e.c.

24 MISCELLANEOUS CLERICAL

240 Collecting
241 Adjusting
242 Hotel desk work, n.e.c.
243 Clerical work, direct service, n.e.c.
249 Miscellaneous clerical work, n.e.c.

25 SALES AGENTS, SERVICES

250 Saleswork, real estate and insurance
251 Saleswork, securities
252 Saleswork, business and financial services
253 Saleswork, radio and television broadcasting services
254 Saleswork, hotel services
255 Saleswork, transportation services
256 Saleswork, maintenance and repair services
257 Saleswork, utilities
258 Saleswork, printing and advertising
259 Saleswork, services, n.e.c.

26, 27, 28 SALES AGENTS AND SALESPERSONS, COMMODITIES

260 Saleswork, horticultural and nursery products
261 Saleswork, agricultural products, n.e.c.
262 Saleswork, foodstuffs, beverages, and tobacco
263 Saleswork, textiles, textile products, and apparel
264 Saleswork, leather and leather products
265 Saleswork, paper and paper products
266 Saleswork, chemicals and drug preparations
267 Saleswork, fuel and petroleum products
268 Saleswork, plastics products
270 Saleswork, rubber products
271 Saleswork, stone, clay, and glass products
273 Saleswork, metal and metal products
274 Saleswork, housefurnishings
275 Saleswork, hotels and restaurant equipment and supplies
276 Saleswork, industrial, construction, mining and drilling equipment and supplies
277 Saleswork, farm and garden equipment and supplies
278 Saleswork, household appliances and electrical machinery, equipment, and supplies
280 Saleswork, transportation equipment
281 Saleswork, business and commercial machines, equipment, and supplies
282 Saleswork, medical and dental equipment, supplies and appliances
283 Saleswork, jewelry and silverware
284 Saleswork, scientific apparatus
285 Saleswork, photographic equipment and supplies
286 Saleswork, amusement and sporting goods
287 Saleswork, music and musical instruments
289 Saleswork, commodities, n.e.c.

29 MERCHANDISING OCCUPATIONS, EXCEPT SALES AGENTS

290 Sales clerking
291 Peddling
292 Route work
293 Canvassing and soliciting
294 Auctioneering
296 Shopping
297 Demonstrating and modeling
298 Display work
299 Miscellaneous merchandising work, n.e.c.

SERVICES

30 DOMESTIC SERVICE

301 Day work
302 Laundry work, private family
303 Housekeeping, private family
304 Caretaker and yard work
305 Domestic cooking

306	Housework, domestic
307	Child monitor
309	Domestic services, n.e.c.

31 FOOD AND BEVERAGE PREPARATION AND SERVICE

310	Food and beverage service, except ship steward/stewardess
311	Food serving
312	Bartending
313	Cooking, large hotels and restaurants
314	Cooking, small hotels and restaurants
315	Miscellaneous cooking, except domestic
316	Meat cutting, except in slaughtering and packing houses
317	Miscellaneous food and beverage preparation
318	Kitchen work, n.e.c.
319	Food and beverage preparation and service, n.e.c.

32 LODGING AND RELATED SERVICE

320	Boardinghouse and lodginghouse keeping
321	Housekeeping, hotels and institutions
323	Cleaning & related services, hotels, restaurants, and related establishments
324	Bellhop and related services
329	Lodgings and related services, n.e.c.

33 BARBERING, COSMETOLOGY, AND RELATED SERVICE

330	Barbering and related services
331	Manicuring
332	Beautician services
333	Make-up, theatrical
334	Masseur and related services
335	Bath attendant work
338	Embalming
339	Barbering, cosmetology, and related service, n.e.c.

34 AMUSEMENT AND RECREATION SERVICE

340	Bowling alley and billiard parlor services
341	Golf course, tennis court, skating rink, & rel. serv.
342	Amusement device and concession work
343	Gambling hall services
344	Ushering
346	Wardrobe and dressing-room services
349	Amusement and recreation services, n.e.c.

35 MISCELLANEOUS PERSONAL SERVICE

350	Ship steward/stewardess service
351	Rail passenger service
352	Host/hostess and steward/stewardess service, n.e.c.
353	Guide service, except hunting and fishing
354	Unlicensed birth attendant and practical nursing serv.
355	Attendant work, hosps., morgues, & rel. health serv.
356	Animal care, n.e.c.
357	Baggage porter service
358	Checkroom, locker room, and restroom services
359	Miscellaneous personal services, n.e.c.

36 APPAREL & FURNISHINGS SERVICE

361	Laundering service
362	Dry cleaning service
363	Pressing service
364	Dyeing & related services
365	Shoe & luggage repair & related services
366	Shoe shining & related services
369	Apparel & furnishings services, n.e.c.

37 PROTECTIVE SERVICE

371	Bridge tending & crossing guard services
372	Guard and related services
373	Fire protection service
375	Police & related work, public service
376	Police & related work, except in public service
377	Law enforcement work, n.e.c.
378	Military service
379	Protective services, n.e.c.

38 BUILDING AND RELATED SERVICE

381	Cleaning and related services
382	Janitorial services
388	Elevator services
389	Building and related services, n.e.c.

FARMING, FISHERY, FORESTRY, & RELATED WORK

40 PLANT FARMING

401	Grain farming
402	Cotton farming
403	Vegetable farming
404	Fruit and nut farming
405	Crop specialty farming
406	Horticultural specialty work
407	Gardening & groundskeeping
409	Plant farming, n.e.c.

41 ANIMAL FARMING

411	Dairy farming
412	Poultry farming
413	Livestock farming
419	Animal farming, n.e.c.

42 MISCELLANEOUS FARMING & RELATED

421	General farming
422	Farm irrigation
423	Farm couples
424	Farm machinery operating, n.e.c.
429	Miscellaneous farming & related work, n.e.c.

43 FISHERY AND RELATED

431	Net, seine, and trap fishing
432	Line fishing
433	Fishing, miscellaneous gear
435	Whaling
436	Marine life cultivation & related work
437	Sponge & seaweed gathering
439	Fishery & related work, n.e.c.

44 FORESTRY

441	Forest conservation work
442	Forest products production, except logging
449	Forestry, n.e.c.

45 HUNTING, TRAPPING AND RELATED

451	Hunting and trapping
452	Guide services, hunting and fishing

46 AGRICULTURE SERVICE

461	Cotton ginning and compressing
465	Blight and pest control and bindweed eradicator
466	Animal care
467	Animal science services
469	Agricultural services, n.e.c.

PROCESSING

50 PROCESSING OF METAL

500	Electroplating
501	Dip plating
502	Melting, pouring, casting, and related work
503	Pickling, cleaning, degreasing, and related work
504	Heat treating
505	Metal spraying, coating, and related work
509	Metal processing, n.e.c.

51 ORE REFINING AND FOUNDRY

510	Mixing and related work
511	Separating, filtering, and related work
512	Melting
513	Roasting
514	Pouring and casting
515	Crushing and grinding
518	Molding, coremaking, and related work
519	Ore refining and foundry work, n.e.c.

52 PROCESSING OF FOOD, TOBACCO AND RELATED PRODUCTS

520	Mixing, compounding, blending, kneading, shaping, and related work
521	Separating, crushing, milling, chopping, grinding, and related work
522	Culturing, melting, fermenting, distilling saturating, pickling, aging, and related work
523	Heating, rendering, melting, drying, cooling, freezing, and related work
524	Coating, icing, decorating, and related work
525	Slaughtering, breaking, curing, and related work
526	Cooking and baking, n.e.c.
529	Processing, food and related products, n.e.c.

53 PROCESSING OF PAPER AND RELATED MATERIALS

530	Grinding, beating, and mixing
532	Cooking and drying
533	Cooling, bleaching, screening, washing, and rel. work
534	Calendering, sizing, coating, and related work
535	Forming, n.e.c.
539	Processing, paper and related materials, n.e.c.

54 PROCESSING OF PETROLEUM, COAL, NATURAL AND MANUFACTURED GAS AND RELATED PRODUCTS

540	Mixing and blending
541	Filtering, straining, and separating
542	Distilling, subliming, and carbonizing
543	Drying, heating, and melting
544	Grinding and crushing
546	Reacting, n.e.c.
549	Processing, petroleum and related products, n.e.c.

55 CHEMICALS, PLASTICS, SYNTHETICS, RUBBER, PAINT, AND RELATED PRODUCTS

550	Mixing and blending
551	Filtering, straining, and separating
552	Distilling
553	Heating, baking, seasoning, melting, and heat treating
554	Coating, calendering, laminating, and finishing
555	Grinding and crushing
556	Casting and molding, n.e.c.
557	Extruding
558	Reacting, n.e.c.
559	Processing, chemicals and related products, n.e.c.

56 WOOD AND WOOD PRODUCTS

560	Mixing and related work
561	Wood preserving and related work
562	Saturating and related work, n.e.c.
563	Drying, seasoning, and related work
569	Processing, wood and wood products, n.e.c.

57 STONE, CLAY, GLASS, AND RELATED PRODUCTS

570	Crushing, grinding, and mixing
571	Separating
572	Melting
573	Baking, drying, and heat treating
574	Impregnating, coating, and glazing
575	Forming
579	Processing, nonmetallic minerals & rel. products, n.e.c.

58 LEATHER, TEXTILES, AND RELATED PRODUCTS

580	Shaping, blocking, stretching, and tentering
581	Separating, filtering, and drying
582	Washing, steaming, and saturating
583	Ironing, pressing, glazing, staking, calendering, and embossing
584	Mercerizing, coating, and laminating
585	Singeing, cutting, shearing, shaving, and napping
586	Felting and fulling
587	Brushing and shrinking
589	Processing, leather and textiles, n.e.c.

59 PROCESSING OCCUPATIONS, N.E.C.

590	Processing, assorted materials
599	Miscellaneous processing, n.e.c.

MACHINE TRADES

60 METAL MACHINING

600	Machining and related work
601	Toolmaking and related work
602	Gear machining
603	Abrading
604	Turning
605	Milling and planing
606	Boring
607	Sawing
609	Metal machining, n.e.c.

61 METALWORKING OCCUPATIONS, N.E.C.

610	Hammer forging
611	Press forging
612	Forging, n.e.c.
613	Sheet and bar rolling
614	Extruding and drawing
615	Punching and shearing
616	Fabricating machine work
617	Metal forming, n.e.c.
619	Miscellaneous metalworking, n.e.c.

62, 63 MECHANICS AND MACHINERY REPAIRERS

620	Motorized vehicle and engineering equipment repairing
621	Aircraft repairing
622	Rail equipment repairing
623	Marine equipment repairing
624	Farm machinery repairing
625	Engine, power transmission, and rel. equipment rep.
626	Metalworking machinery repairing
627	Printing and publishing machinery repairing
628	Textile machinery and equipment repairing
629	Special industry machinery repairing
630	General industry machinery repairing
631	Powerplant machinery repairing
632	Ordnance and accessory repairing
633	Business and commercial machine repairing
637	Utility equipment repairing
638	Miscellaneous machine installation and repairing
639	Mechanical repairing, n.e.c.

64 PAPERWORKING

640	Paper cutting, winding, and related work
641	Folding, creasing, scoring, and gluing
642	Paper sewing
643	Paper corrugating
644	Paper fastening, n.e.c.
649	Paperworking, n.e.c.

65 PRINTING

650	Typesetting and composing
651	Printing press work
652	Printing machine work
653	Bookbinding and related work
654	Typecasting and related work
659	Printing, n.e.c.

66 WOOD MACHINING

660	Cabinetmaking
661	Patternmaking
662	Sanding
663	Shearing and shaving
664	Turning
665	Milling and planing
666	Boring
667	Sawing
668	Chipping
669	Wood machining, n.e.c.

67 MACHINING STONE, CLAY, GLASS, & RELATED MATERIALS

670	Stonecutting and related work
673	Abrading and polishing
674	Turning
675	Planing and shaping, n.e.c.
676	Boring and punching
677	Chipping, cutting, sawing, & related work
679	Machining, nonmetallic minerals & rel. materials, n.e.c.

68 TEXTILE

680	Carding, combing, drawing, and related work
681	Twisting, beaming, warping, and related work
682	Spinning
683	Weaving and related work
684	Hosiery knitting
685	Knitting, except hosiery
686	Punching, cutting, forming, & related work
689	Textile machine work, n.e.c.

69 MACHINE TRADES OCCUPATIONS, N.E.C.

690	Plastics, synthetics, rubber, & leather working
691	Insulated wire & cable fabricating
692	Fabrication of products from assorted materials
693	Modelmaking, patternmaking, & related work
694	Fabrication of ordnance, ammunition, & related products, n.e.c.
699	Miscellaneous machine work, n.e.c.

BENCH WORK

70 FABRICATION, ASSEMBLY, & REPAIR OF METAL PRODUCTS, N.E.C.

700	Fabrication, assembly, & repair of jewelry, silverware, & related products
701	Fabrication, assembly, & repair of tools & related products
703	Sheet-metal products assembly & repair, n.e.c.
704	Engraving, etching, & related work
705	Filing, grinding, buffing, cleaning, & polishing, n.e.c.
706	Metal unit assembling & adjusting, n.e.c.
709	Fabrication, assembly, & repair of metal products, n.e.c.

71 FABRICATION & REPAIR OF SCIENTIFIC & MEDICAL APPARATUS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS, & RELATED PRODUCTS

710 Fabrication & repair of instruments for measuring, controlling, & indicating physical characteristics
711 Fabrication & repair of optical instruments & lenses
712 Fabrication & repair of surgical, medical, & dental instruments & supplies
713 Fabrication & repair of opthalmic goods
714 Fabrication & repair of photographic equipment and supplies
715 Fabrication & repair of watches, clocks & parts
716 Fabrication & repair of engineering & scientific instruments & equipment, n.e.c.
719 Fabrication & repair of scientific & medical apparatus, photographic & optical goods, watches & clocks, & related products, n.e.c.

72 ASSEMBLY & REPAIR OF ELECTRICAL EQUIPMENT

720 Assembly & repair of radio & television receiving sets & phonographs
721 Assembly & repair of motors, generators, & related products
722 Communications equipment assembly & repair
723 Assembly & repair of electrical appliances & fixtures
724 Winding & assembly of coils, magnets, armatures, & related products
725 Assembly of light bulbs & electronic tubes
726 Assembly & repair of electronic components & accessories, n.e.c.
727 Storage battery assembly
728 Fabrication of electrical wire and cable
729 Assembly & repair of electrical equipment, n.e.c.

73 FABRICATION & REPAIR OF PRODUCTS MADE FROM ASSORTED MATERIALS

730 Fabrication & repair of musical instruments & parts
731 Fabrication & repair of games and toys
732 Fabrication & repair of sporting goods
733 Fabrication & repair of pens, pencils, & office & artists' materials, n.e.c.
734 Fabrication of notions
735 Fabrication & repair of jewelry, n.e.c.
736 Fabrication & repair of ordnance & accessories
737 Fabrication of ammunition, fireworks, explosives & related products
739 Fabrication & repair of products made from assorted materials, n.e.c.

74 PAINTING, DECORATING, & RELATED OCCUPATIONS

740 Brush painting
741 Spray painting
742 Staining, waxing, & related work
749 Painting, decorating, & related work, n.e.c.

75 FABRICATION & REPAIR OF PLASTICS, SYNTHETICS, RUBBER, AND RELATED PRODUCTS

750 Fabrication & repair of tires, tubes, tire treads, & related products
751 Laying out and cutting, n.e.c.
752 Fitting, shaping, cementing, finishing, and rel. wk., n.e.c.
753 Fabrication and repair of rubber and plastic footwear
754 Fabrication and repair of miscellaneous plastic products
759 Fabrication and repair of plastics, synthetics, rubber and related products, n.e.c.

76 FABRICATION AND REPAIR OF WOOD PRODUCTS

760 Bench carpentry and related work
761 Laying out, cutting, carving, shaping, and sanding, n.e.c.
762 Assembly of wood products, n.e.c.
763 Fabrication and repair of furniture, n.e.c.
764 Cooperage
769 Fabrication and repair of wood products, n.e.c.

77 FABRICATION AND REPAIR OF SAND, STONE, CLAY, AND GLASS PRODUCTS

770 Fabrication and repair of jewelry, ornaments, and related products
771 Stone cutting and carving
772 Glass blowing, pressing, shaping, and related work, n.e.c.
773 Coloring and decorating brick, tile, and related products
774 Fabrication and repair of pottery and porcelain ware
775 Grinding, filing, polishing, frosting, etching, cleaning, and related work, n.e.c.
776 Fabrication and repair of asbestos and polishing products, abrasives, and related materials
777 Modelmaking, patternmaking, moldmaking, and related work
779 Fabrication and repair of sand, stone, clay and glass products, n.e.c.

78 FABRICATION AND REPAIR OF TEXTILE, LEATHER, AND RELATED PRODUCTS

780 Upholstering and mattress and bedspring fabrication and repair
781 Laying out, marking, cutting, and punching, n.e.c.
782 Handsewing, mending, embroidering, knitting, and related work, n.e.c.
783 Fur working
784 Fabrication and repair of hats, caps, gloves, and related products
785 Tailoring and dressmaking
786 Machine sewing, garment
787 Machine sewing, nongarment
788 Fabrication and repair of footwear
789 Fabrication and repair of textiles, leather, and related products, n.e.c.

79 BENCH WORK OCCUPATIONS, N.E.C.

790 Preparation of food, tobacco, and related products, n.e.c.
794 Fabrication of paper products, n.e.c.
799 Miscellaneous bench work, n.e.c.

STRUCTURAL WORK

80 METAL FABRICATING, N.E.C.

800	Riveting
801	Fitting, bolting, screwing, & related work
804	Sheet metal work
805	Boilermaking & related work
806	Transportation equipment assembling & related work
807	Body work, transportation equipment
809	Miscellaneous metal fabricating, n.e.c.

81 WELDERS, FLAME CUTTERS, AND RELATED

810	Arc welding
811	Gas welding
812	Combination arc and gas welding
813	Resistance welding
814	Brazing, braze-welding, & soldering
815	Lead burning
816	Flame and arc cutting
819	Welding, flame cutting, & related work, n.e.c.

82 ELECTRICAL ASSEMBLING, INSTALLING, & REPAIRING

820	Generator, motor, & related powerplant equipment assembly, installation, & repair
821	Transmission & distribution line & circuit assembly, installation, & repair
822	Wire communication, detection, & signaling equipment assembly, installation, & repair
823	Electronic communication, detection, & signaling equipment assembly, installation, & repair
824	Lighting equipment & building wiring assembly, installation, & repair, n.e.c.
825	Transportation & materials handling equipment assembly, installation, & repair, n.e.c.
826	Industrial apparatus assembly, installation, and repair, n.e:c.
827	Large household appliances & similar commercial & industrial equipment assembly, installation, & repair
828	Electrical & electronic product fabrication, installation, & repair, n.e.c.
829	Assembly, installation, & repair of electrical products, n.e.c.

84 PAINTING, PLASTERING, WATERPROOFING, CEMENTING, AND RELATED

840	Construction & maintenance painting & related work
841	Paperhanging
842	Plastering & related work
843	Waterproofing & related work
844	Cement & concrete finishing & related work
845	Transportation equipment painting & related work
849	Painting, plastering, waterproofing, cementing, & related work, n.e.c.

85 EXCAVATING, GRADING, PAVING, & RELATED

850	Excavating, grading, & related work
851	Drainage & related work
852	Concrete paving
853	Asphalt paving
859	Excavating, grading, paving, & related work, n.e.c.

86 CONSTRUCTION OCCUPATIONS, N.E.C.

860	Carpentry and related work
861	Brick and stone masonry and tile setting
862	Plumbing, gas fitting, steam fitting, and related work
863	Asbestos and insulation work
864	Floor laying and finishing work
865	Glass setting and related work
866	Roofing and related work
869	Miscellaneous construction work, n.e.c.

89 STRUCTURAL WORK OCCUPATIONS, N.E.C.

891	Structural maintenance, n.e.c.
892	Hoisting and conveying, n.e.c.
899	Miscellaneous structural work, n.e.c.

MISCELLANEOUS WORK

90 MOTOR FREIGHT

900	Concrete-mixing-truck driving
902	Dump-truck driving
903	Truck driving, inflammables
904	Trailer-truck driving
905	Heavy truck driving
906	Light truck driving
909	Motor freight transportation, n.e.c.

91 TRANSPORTATION OCCUPATIONS, N.E.C.

910	Railroad transportation
911	Water transportation
912	Air transportation
913	Passenger transportation, n.e.c.
914	Pumping and pipeline transportation
915	Parking lot and related service work
919	Miscellaneous transportation work, n.e.c.

92 PACKAGING AND MATERIALS HANDLING

920	Packaging
921	Hoisting and conveying
922	Materials moving and storing, n.e.c.
929	Packaging and materials handling, n.e.c.

93 OCCUPATIONS IN EXTRACTION OF MINERALS

930	Boring, drilling, cutting, and related work
931	Blasting
932	Loading and conveying
933	Crushing
934	Screening and related work
939	Extraction of minerals, n.e.c.

94 OCCUPATIONS IN LOGGING

940	Timber cutting and related work
941	Log inspecting, grading, scaling, and related work
942	Log sorting, gathering, storing, and related work
949	Logging, n.e.c.

95 PRODUCTION AND DISTRIBUTION OF UTILITIES

950 Stationary engineering
951 Firing and related work
952 Generation, transmission, and distribution of electric light and power
953 Production and distribution of gas
954 Filtration, purification, and distribution of water
955 Refuse and sewage disposal
956 Distribution of steam
957 Transmission of communications, n.e.c.
959 Production and distribution of utilities, n.e.c.

96 AMUSEMENT, RECREATION, AND MOTION PICTURE OCCUPATIONS, N.E.C.

960 Motion picture projecting
961 Modeling and related work, n.e.c.
962 Motion picture production, n.e.c.
963 Radio and television production, n.e.c.
964 Theatrical and related entertainment production, n.e.c.
969 Miscellaneous amusement, recreation, and motion picture work, n.e.c.

97 GRAPHIC ART WORK

970 Art work, brush, spray, or pen
971 Photoengraving
972 Lithography and related work
973 Hand composition, typesetting, and related work
974 Electrotyping and related work
975 Stereotyping and related work
976 Darkroom work, n.e.c.
977 Bookbinding and related work
979 Graphic art work, n.e.c.

999 INFORMATION NOT AVAILABLE

Table 48
Ranking of Active Applicants, Claimants Job Openings and Jobs Filled By Occupation
Boston SMSA
First Quarter 1978

	Rank as Percentage of Job Applicants in Active File	Rank as Percentage of Insured Unemployed on Unemployment Compensation	Rank as Percentage of Job Vacancies Listed	Rank as Percentage of Mandatory Listings (Federal Government Contractors)	Rank as Percentage of Total Job Vacancies Filled	Rank as Percentage of Job Vacancies in Occupational Field Filled
Professional, Technical Managerial	2	3	2	3	2	1
Clerical and Sales	1	2	1	1	1	6
Services	4	5	3	4	4	9
Farming, Fishing, Forestry	8	8	9	8	8	4
Processing	9	9	8	9	9	5
Machine Trades	6	7	7	6	6	7
Bench Work	7	6	5	5	5	8
Structural Work	5	1	4	7	7	2
Miscellaneous	3	4	6	2	3	3

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M38E Mass. Dept. of
A Employment Security
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